

Screening 89 Pesticides in Fishery Drugs by Ultrahigh Performance Liquid Chromatography Tandem Quadrupole-Orbitrap Mass Spectrometer

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Table S1. The detailed linear profile for 82 compounds

Number	Compound	Linearity equation	R2	Linearity range($\mu\text{g}\cdot\text{kg}^{-1}$)	SDL(mg/kg)
1	Chlorpyrifos	$y=3598743.9x-66824597.7$	0.9894	10-500	1
2	Phorate sulfoxide	$y=5518870.1x+85085967.0$	0.9979	1-500	1
3	Phoratoxon sulfoxide	$y=7584503.7x+214355266.9$	0.9918	1-500	1
4	Phosalone	$y=4043085.9x+87273603.2$	0.9917	1-500	1
5	Phoxim	$y=20935952.6x+77732658.1$	0.9968	1-500	1
6	Monocrotophos	$y=3399617.5x+76912371.1$	0.9953	1-500	1
7	Quinalphos	$y=20935952.6x+77732658.1$	0.9968	1-500	1
8	Dimethoate	$y=3956848.5x+49609310.4$	0.9990	1-500	1
9	Isocarbophos	$y=322700.0x-3544966.5$	0.9948	10-500	10
10	Omethoate	$y=5644286.2x+109852302.6$	0.9971	1-500	1
11	Coumaphos	$y=12017548.2x-95154340.0$	0.9954	1-500	1
12	Tributylphos-phorotrithioate	$y=23130139.0x-227550662.9$	0.9900	1-100	1
13	Mevinphos	$y=1138089.3x+21492749.1$	0.9935	10-500	1
14	Pyrazophos	$y=14851456.7x+3576799.9$	0.9969	1-500	1
15	Famphur	$y=10429837.1x+239618543.1$	0.9952	1-500	1
16	Pirimiphos-methyl	$y=21984722.1x-76643690.4$	0.9952	1-500	1
17	trichlorfon	$y=2622329.4x+32875242.4$	0.9987	1-500	1
18	Malathion	$y=166327.7x-476935.3$	0.9996	10-500	10
19	Triazophos	$y=26439767.7x+444777130.2$	0.9975	1-500	1
20	Phosmet	$y=3115750.0x+41631055.0$	0.9975	1-500	1

21	Prometryn	$y=39008481.3x+1178898207.3$	0.9989	1-200	1
22	Propazine	$y=20602573.0x+740538113.2$	0.9968	1-200	1
23	Simazine	$y=13018037.4x+401259762.3$	0.9910	1-500	1
24	Simetryne	$y=31900235.6x+1041132510.4$	0.9989	1-200	1
25	Thiabendazole	$y=11969320.7x+697054283.8$	0.9972	1-200	1
26	Fuberidazole	$y=19923091.6x+1148557061.2$	0.9943	1-200	1
27	Dodemorph	$y=29301951.4x+917663702.2$	0.9995	1-200	1
28	Imazalil	$y=15562910.7x+500755563.5$	0.9984	1-200	1
29	Carbendazim	$y=9094262.0x+533734869.7$	0.9945	1-200	1
30	Thiophanate-methyl	$y=7646170.3x+489402526.7$	0.9950	1-200	1
31	Thiophanate-ethyl	$y=10200650.3x+512742750.7$	0.9991	1-100	1
32	Propoxur	$y=1037533.6x+32110226.9$	0.9987	1-200	1
33	Carbaryl	$y=13656425.2x+420652781.5$	0.9907	1-500	1
34	Fenobucarb	$y=5194113.2x+64068959.4$	0.9972	1-500	1
35	Methiocarb	$y=3245718.9x+83001666.2$	0.9903	1-500	1
36	Promecarb	$y=3350981.8x+91769603.5$	0.9974	1-200	1
37	Pirimicarb	$y=21646575.4x+723595624.1$	0.9977	1-200	1
38	Aminocarb	$y=8467394.6x+233011634.7$	0.9905	1-500	1
39	Propamocarb	$y=12944459.7x+292275449.2$	0.9929	1-500	1
40	Carbofuran	$y=9858716.2x+245568396.9$	0.9925	1-500	1
41	Thiobencarb	$y=2577085.7x+154150351.3$	0.9994	1-100	1
42	Sodium pentachlorophenolate	$y=500367.4x+7268421.1$	0.9978	10-200	10
43	Chlordimeform	$y=6952971.2x+121835191.3$	0.9936	1-500	1
44	Indoxacarb	$y=7568403.9x+137061737.0$	0.9936	1-500	1
45	Propiconazole	$y=49385699.4x+1800833099.2$	0.9962	1-200	1
46	Robenidine	$y=17016394.5x+376446884.1$	0.9947	1-500	1
47	Xylazine	$y=19945104.9x+457439572.1$	0.9930	1-500	1
48	Ethoxyquin	$y=15109557.7x+63329009.0$	0.9986	1-500	1
49	Fipronil	$y=3589275.4x+25270737.4$	0.9975	1-500	1
50	Fipronil-sulfone	$y=11699428.1x+184166622.7$	0.9947	1-500	1
51	Fipronil-sulfide	$y=7143758.4x+105783275.6$	0.9945	1-500	1
52	Fipronil-desulfinyl	$y=6861351.0x+104236245.4$	0.9950	1-500	1
53	Aldicarb sulfone	$y=2150114.6x+54113671.3$	0.9902	1-500	1
54	Dioxacarb	$y=883241.5x+36186523.6$	0.9982	1-200	1
55	Bendiocarb	$y=1753940.6x+57412241.9$	0.9976	1-200	1
56	Phorate sulfone	$y=2349959.5x+56472202.0$	0.9925	1-500	1
57	Methidathion	$y=1474288.5x+15350821.9$	0.9983	10-500	1

58	Isoprocarb	$y=8695896.2x+172635989.6$	0.9927	10-500	10
59	XMC	$y=1241370.0x+25003081.4$	0.9938	10-500	10
60	Thiofanox -sulphoxide	$y=257169.1x+8012535.0$	0.9929	10-200	10
61	2,3,5-Trimethacarb	$y=3869264.3x+43388801.3$	0.9975	10-500	10
62	3,4,5-Trimethylphenol	$y=4765480.4x+151927664.3$	0.9965	10-200	10
63	Doramectin	$y=1294667.1x-35413134.3$	0.9954	1-500	10
64	Methamidophos	$y=3639491.4x+49341388.7$	0.9962	10-500	10
65	Propetamphos	$y=324646.0x+3792202.1$	0.9975	10-500	10
66	Aldicarb	$y=54857.0x+1256314.2$	0.9941	50-500	10
67	Thiofanox	$y=28955.5x+338209.0$	0.9987	50-500	10
68	Thiofanox sulphone	$y=341833.2x+11934640.7$	0.9910	10-500	10
69	Dichlorvos	$y=746370.1x+7477587.9$	0.9993	10-500	10
70	Avermectin B1a	$y=1403101.0x-44917519.5$	0.9953	10-200	10
71	Ivermectin B1a	$y=1433269.4x-35844660.8$	0.9967	10-500	10
72	Flucythrinate	$y=3732072.7x-137314047.8$	0.9897	20-500	10
73	Deltamethrin	$y=1419916.5x-78980510.6$	0.9826	20-500	10
74	Flumethrin	$y=1015405.8x-57818295.0$	0.9849	50-500	10
75	Chlorpyrifos-methyl	$y=558116.8x-6933601.7$	0.9946	10-500	10
76	Aldicarb sulfoxide	$y=281361.1x+8209821.0$	0.9988	20-200	10
77	Fenvalerate	$y=611595.8x-33130893.1$	0.9903	50-500	10
78	Methomyl	$y=76565.2x+2233236.4$	0.9952	50-500	10
79	Tau-fluvalinate	$y=653625.6x-39172597.6$	0.9839	50-500	20
80	Amitraz	$y=80394.3x-890600.1$	0.9999	20-500	50
81	Fenitrothion	$y=64528.4x-1618538.7$	0.9984	50-500	50
82	Validamycin	$y=130701.8x-285866.4$	0.9992	50-500	50