Quantitation Report (Qedit)

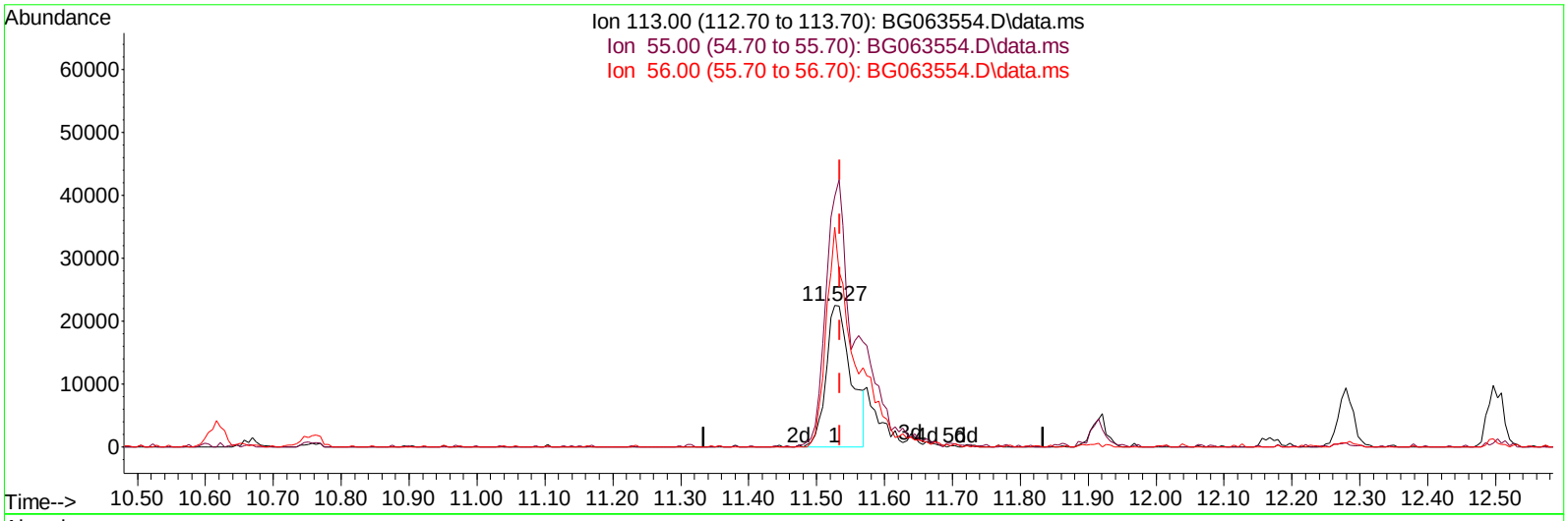
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
Data File : BG063554.D
Acq On : 25 Nov 2024 17:49
Operator : RC/JU
Sample : PB165212BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

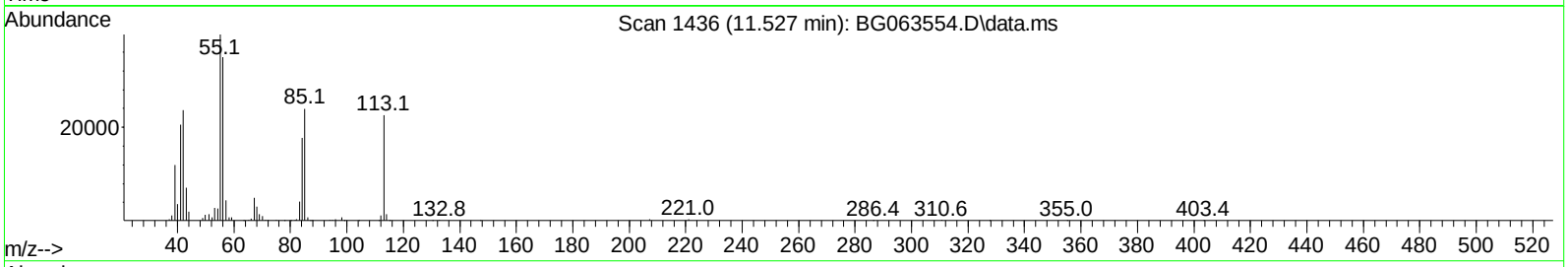
Quant Time: Nov 26 00:39:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

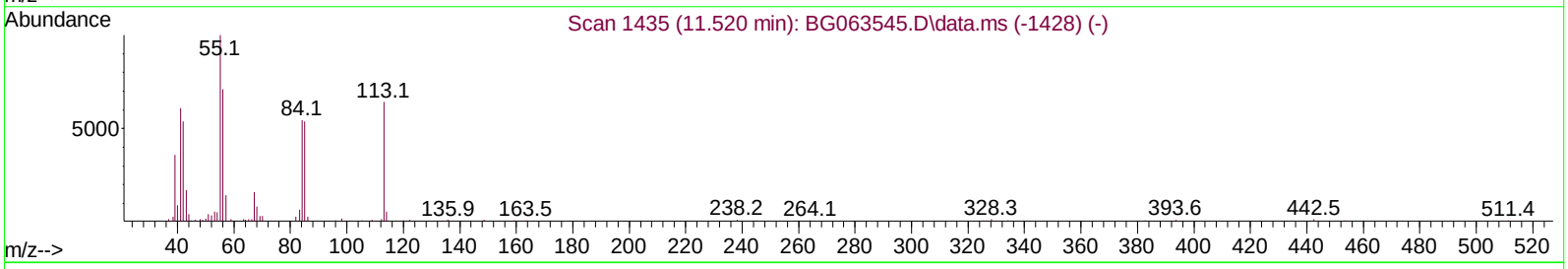
Instrument :
BNA_G
ClientSampleId :
SLCS212

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BG063554.D\data.ms

(34) Caprolactam

11.527min (-0.007) 23.88 ng/ul

response 57530

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	176.46
56.00	137.20	154.76
0.00	0.00	0.00

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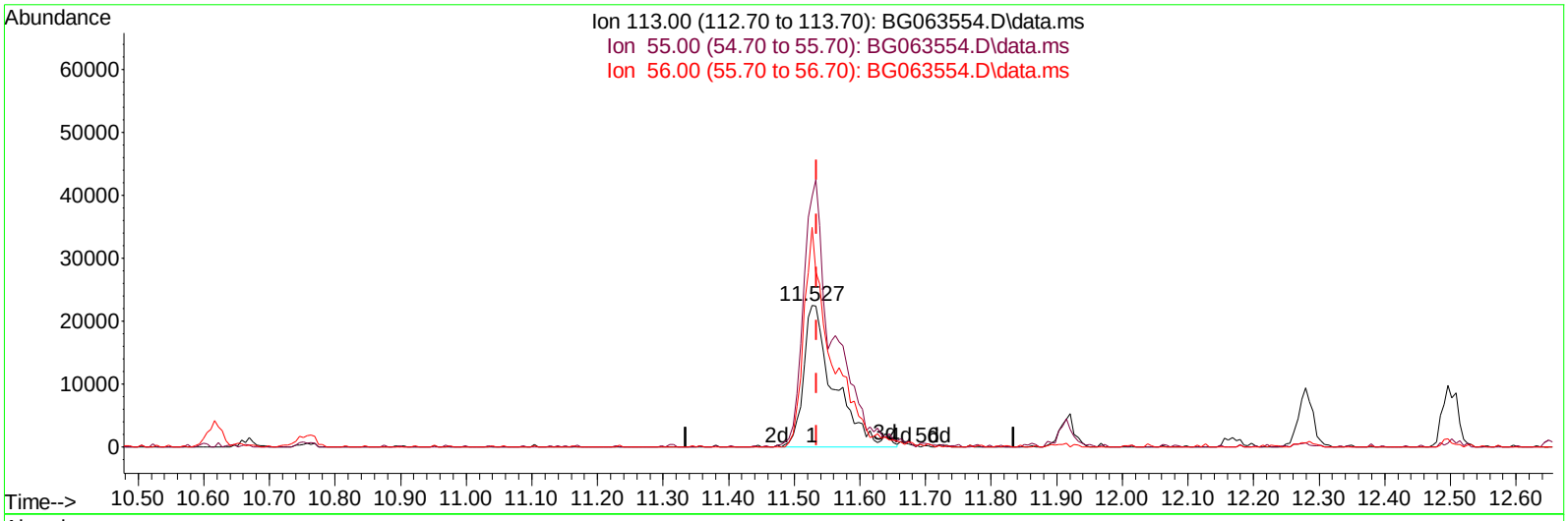

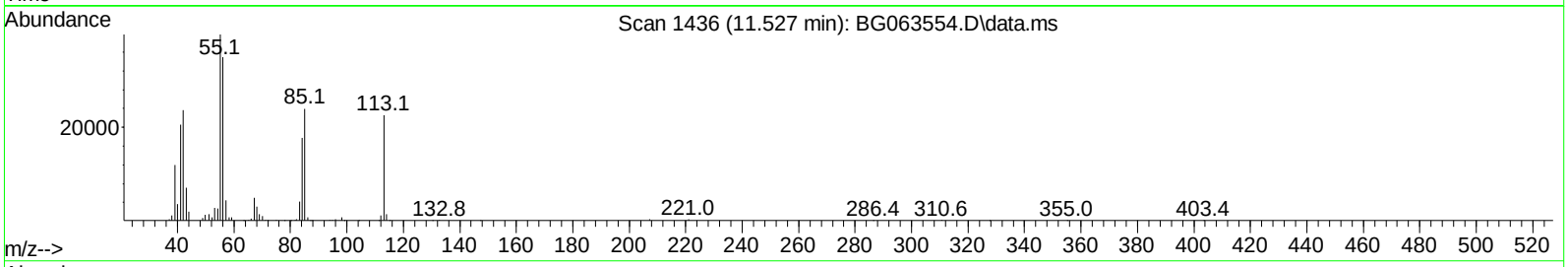

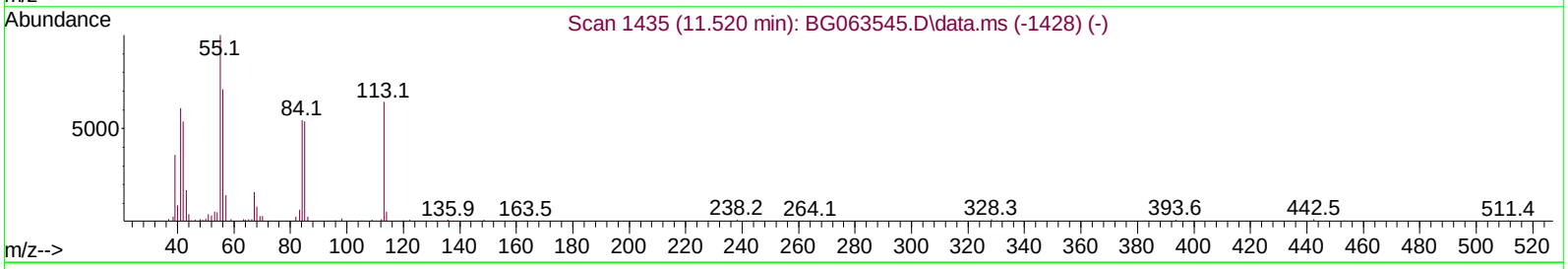

TIC: BG063554.D\data.ms

(34) Caprolactam

11.527min (-0.007) 30.37 ng/ul m

response 73151

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	176.46
56.00	137.20	154.76
0.00	0.00	0.00

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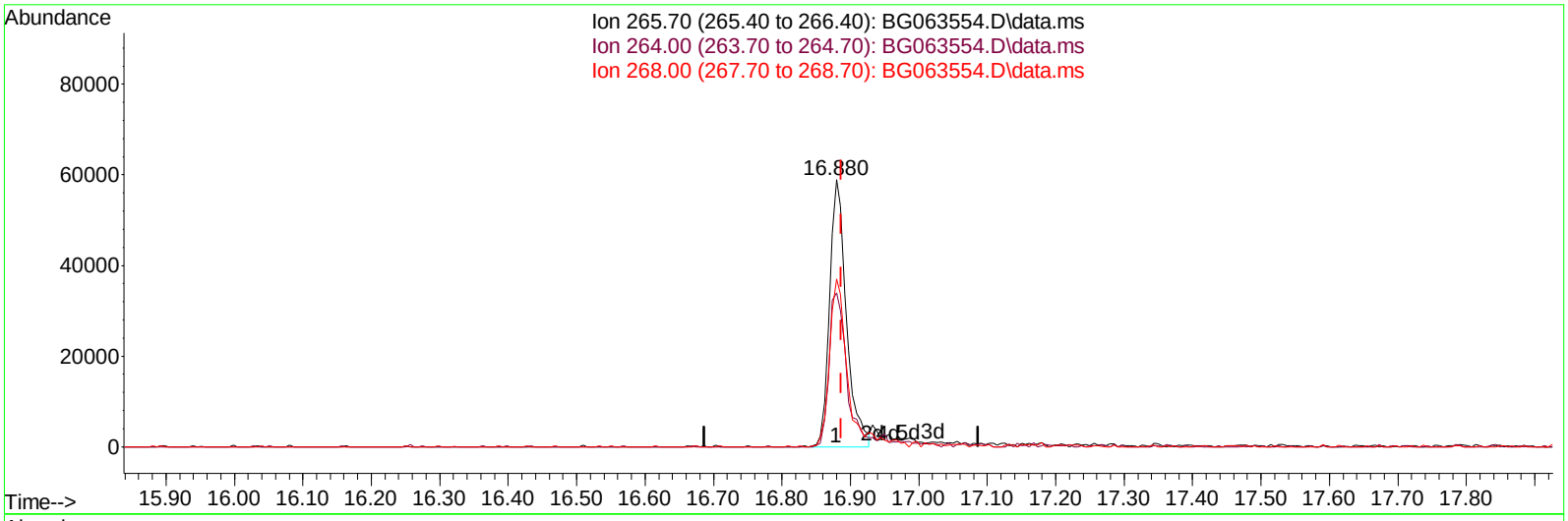

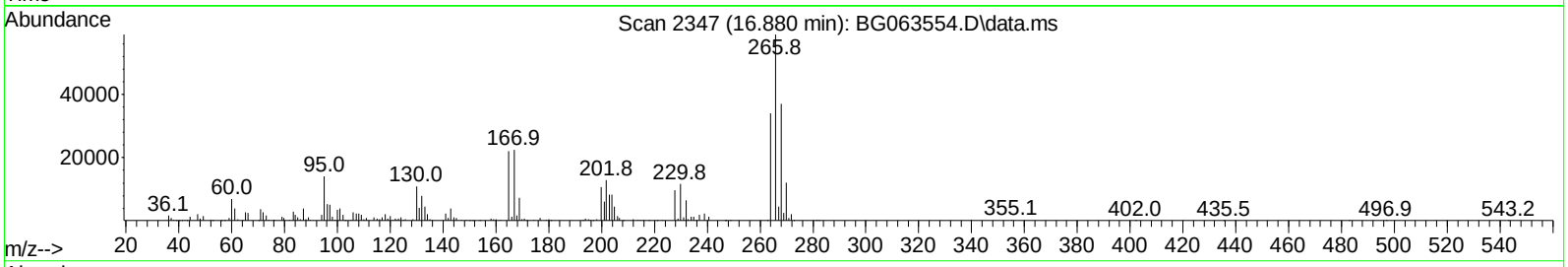

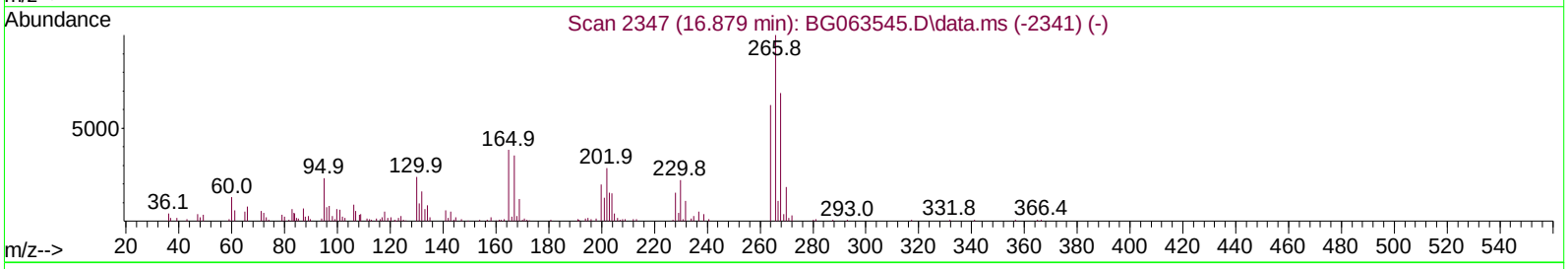

TIC: BG063554.D\data.ms

(71) Pentachlorophenol (C)

16.880min (-0.007) 21.95 ng/ul

response 100182

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	57.67
268.00	64.20	62.81
0.00	0.00	0.00

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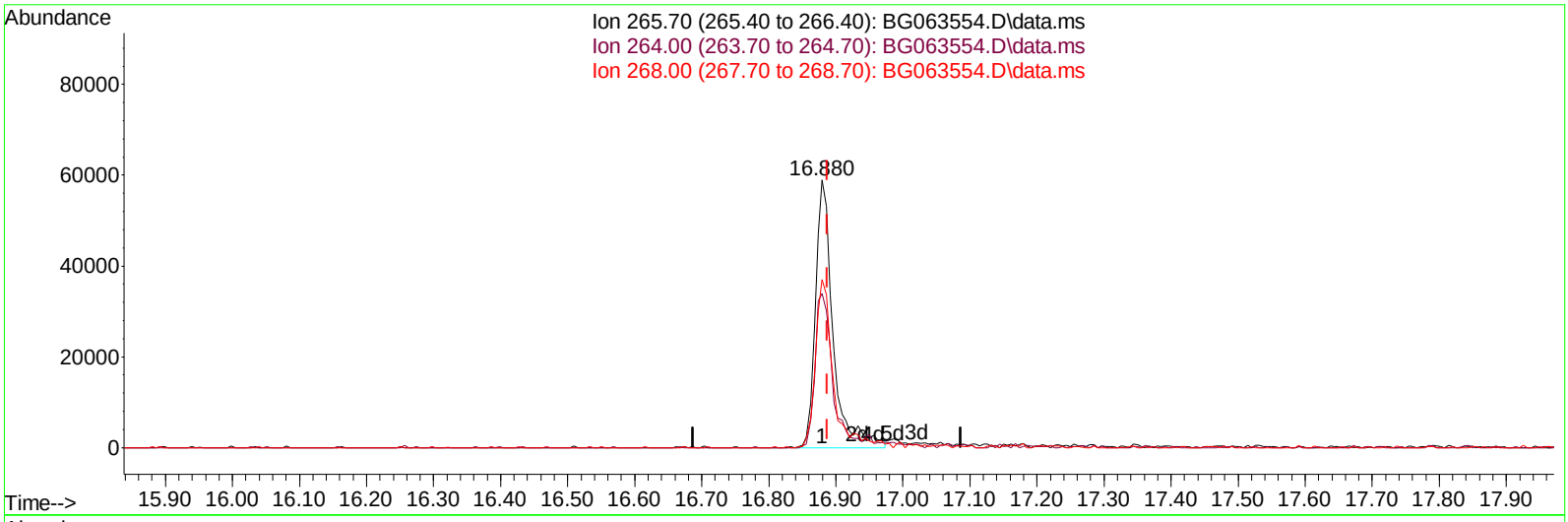

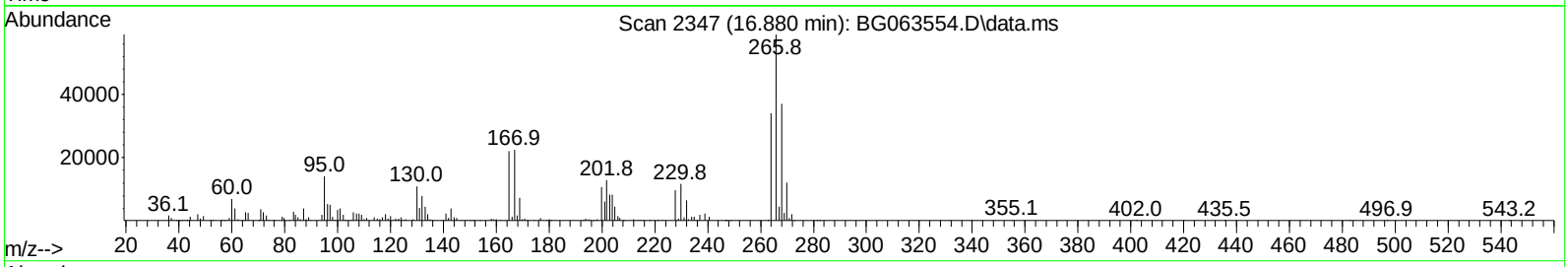

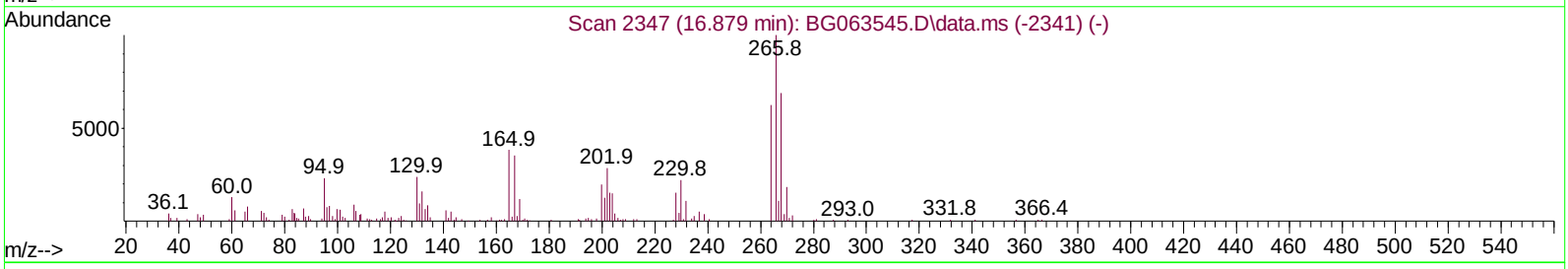

TIC: BG063554.D\data.ms

(71) Pentachlorophenol (C)

16.880min (-0.007) 23.50 ng/ul m

response 107247

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	57.67
268.00	64.20	62.81
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	102089	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	432053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.471	164	331792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.220	188	830769	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	895437	20.000	ng/ul	0.00
88) Perylene-d12	24.518	264	961661	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	16625	6.427	ng/uL	0.00
4) Pyridine-d5	3.701	84	207186	25.555	ng/ul	0.00
7) Phenol-d5	7.003	99	272232	32.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	177078	32.882	ng/ul	0.00
11) 2-Chlorophenol-d4	7.361	132	201714	33.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.542	113	226036	32.216	ng/ul	0.00
21) Nitrobenzene-d5	8.983	128	100745	32.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.700	143	124875	32.580	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	244869	33.471	ng/ul	0.00
31) 4-Chloroaniline-d4	10.752	131	262266	28.343	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	742648	32.972	ng/ul	0.00
49) Acenaphthylene-d8	14.159	160	838343	32.639	ng/ul	0.00
54) 4-Nitrophenol-d4	14.688	143	103588	30.952	ng/ul	0.00
60) Fluorene-d10	15.464	176	674522	32.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	156334	33.472	ng/ul	0.00
73) Anthracene-d10	17.320	188	1152376	31.928	ng/ul	0.00
81) Pyrene-d10	19.618	212	1519049	33.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.306	264	1538179	32.977	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	33853	11.085	ng/uL#	81
5) Pyridine	3.719	79	209616	25.410	ng/ul	98
6) Benzaldehyde	6.968	77	127226	26.474	ng/ul	92
8) Phenol	7.032	94	294482	32.164	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.250	93	203372	30.775	ng/ul	91
12) 2-Chlorophenol	7.397	128	200989	31.646	ng/ul	97
13) 2-Methylphenol	8.272	108	216429	31.772	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.348	45	303436	31.344	ng/ul	95
16) Acetophenone	8.642	105	343356	30.980	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.630	70	203196	32.806	ng/ul#	94
18) 4-Methylphenol	8.601	108	234459	31.380	ng/ul	94
19) Hexachloroethane	8.901	117	87457	31.884	ng/ul	91
22) Nitrobenzene	9.024	77	297337	31.238	ng/ul	93
23) Isophorone	9.547	82	551903	31.754	ng/ul	99
25) 2-Nitrophenol	9.735	139	125705	33.056	ng/ul#	89
26) 2,4-Dimethylphenol	9.800	107	201831	24.622	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.029	93	290733	30.217	ng/ul	97
29) 2,4-Dichlorophenol	10.270	162	217687	30.456	ng/ul	96
30) Naphthalene	10.669	128	679258	30.756	ng/ul	98
32) 4-Chloroaniline	10.781	127	211206	23.886	ng/ul	96
33) Hexachlorobutadiene	10.951	225	192354	30.170	ng/ul	98
34) Caprolactam	11.527	113	73151m	30.365	ng/ul	
35) 4-Chloro-3-methylphenol	11.915	107	239647	32.943	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.279	142	497523	31.737	ng/ul	96
37) 1-Methylnaphthalene	12.502	142	490414	29.793	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.655	216	363228	31.153	ng/ul	96
40) Hexachlorocyclopentadiene	12.632	237	118844	23.897	ng/ul	94
41) 2,4,6-Trichlorophenol	12.902	196	184610	28.856	ng/ul	95
42) 2,4,5-Trichlorophenol	12.978	196	205923	31.189	ng/ul	94
43) 1,1'-Biphenyl	13.296	154	704105	31.976	ng/ul	97
44) 2-Chloronaphthalene	13.337	162	543991	31.440	ng/ul	94
45) 2-Nitroaniline	13.542	65	190631	34.956	ng/ul	93
47) Dimethylphthalate	13.924	163	709940	32.350	ng/ul	98
48) 2,6-Dinitrotoluene	14.048	165	150698	33.848	ng/ul	95
50) Acenaphthylene	14.189	152	865174	33.507	ng/ul	96
51) 3-Nitroaniline	14.377	138	140668	34.498	ng/ul#	99
52) Acenaphthene	14.529	153	584049	31.317	ng/ul	98
53) 2,4-Dinitrophenol	14.594	184	68919	30.150	ng/ul	94
55) 4-Nitrophenol	14.706	109	119008	30.598	ng/ul	93
56) Dibenzofuran	14.870	168	866394	32.380	ng/ul	99
57) 2,4-Dinitrotoluene	14.841	165	220621	32.383	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.105	232	168697	26.888	ng/ul#	95
59) Diethylphthalate	15.293	149	718776	32.426	ng/ul	100
61) Fluorene	15.522	166	737931	32.399	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.511	204	439907	32.367	ng/ul	99
63) 4-Nitroaniline	15.546	138	155136	37.162	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.611	198	161882	32.436	ng/ul#	91
67) N-Nitrosodiphenylamine	15.728	169	610833	30.969	ng/ul	95
68) 4-Bromophenyl-phenylether	16.410	248	296806	31.885	ng/ul	96
69) Hexachlorobenzene	16.533	284	311990	31.968	ng/ul	93
70) Atrazine	16.680	200	115736	12.145	ng/ul	96
71) Pentachlorophenol	16.880	266	107247m	23.499	ng/ul	
72) Phenanthrene	17.262	178	1242220	31.367	ng/ul	98
74) Anthracene	17.356	178	1251527	30.948	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.260	216	367277	30.383	ng/ul	96
76) Pentachlorobenzene	14.794	250	361254	30.263	ng/ul	98
77) Carbazole	17.626	167	1090200	32.492	ng/ul	99
78) Di-n-butylphthalate	18.190	149	1267298	32.947	ng/ul	99
80) Fluoranthene	19.283	202	1648768	33.221	ng/ul	98
82) Pyrene	19.647	202	1736624	32.654	ng/ul	99
83) Butylbenzylphthalate	20.546	149	588598	34.105	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.380	252	662823	34.459	ng/ul	98
85) Benzo(a)anthracene	21.462	228	1893548	32.704	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	843633	33.631	ng/ul	97
87) Chrysene	21.521	228	1752825	32.376	ng/ul	97
89) Di-n-octyl phthalate	22.520	149	1482957	34.755	ng/ul	100
90) Benzo(b)fluoranthene	23.554	252	1950829	33.788	ng/ul	97
91) Benzo(k)fluoranthene	23.619	252	1884373	32.524	ng/ul	99
93) Benzo(a)pyrene	24.377	252	1712213	31.685	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.943	276	2123708	31.685	ng/ul	99
95) Dibenzo(a,h)anthracene	27.996	278	1774468	32.383	ng/ul	97
96) Benzo(g,h,i)perylene	29.012	276	1644151	32.352	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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