Quantitation Report (Qedit)

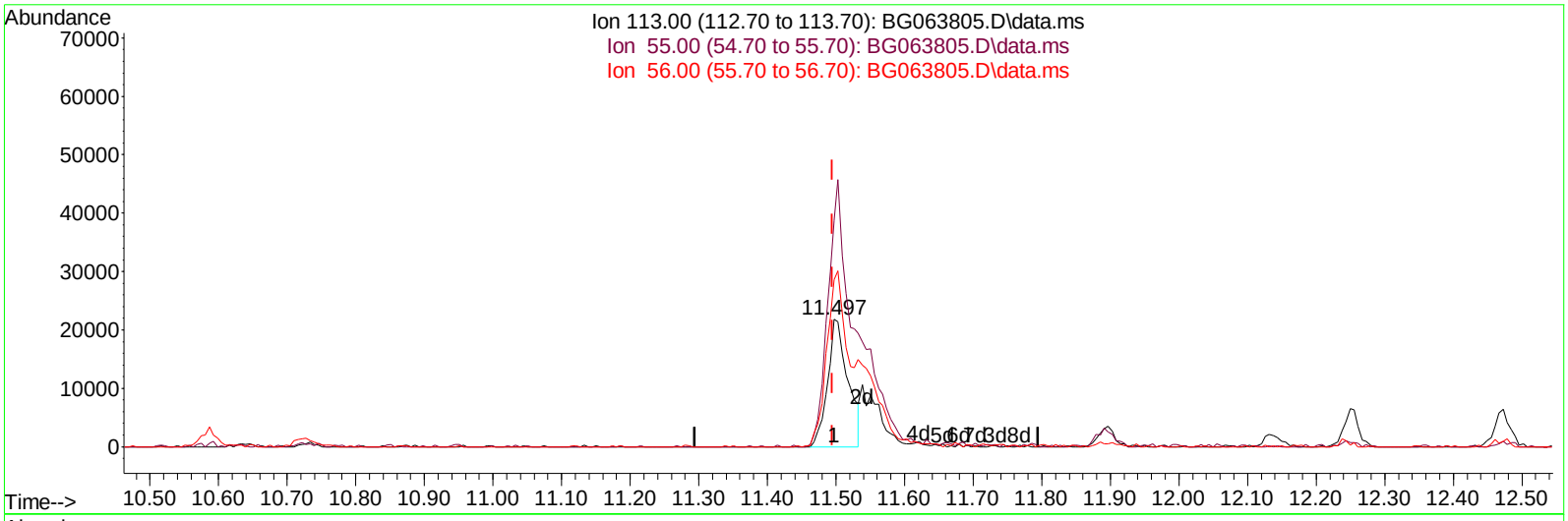
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063805.D
Acq On : 24 Dec 2024 4:51
Operator : RC/JU
Sample : PB165779BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

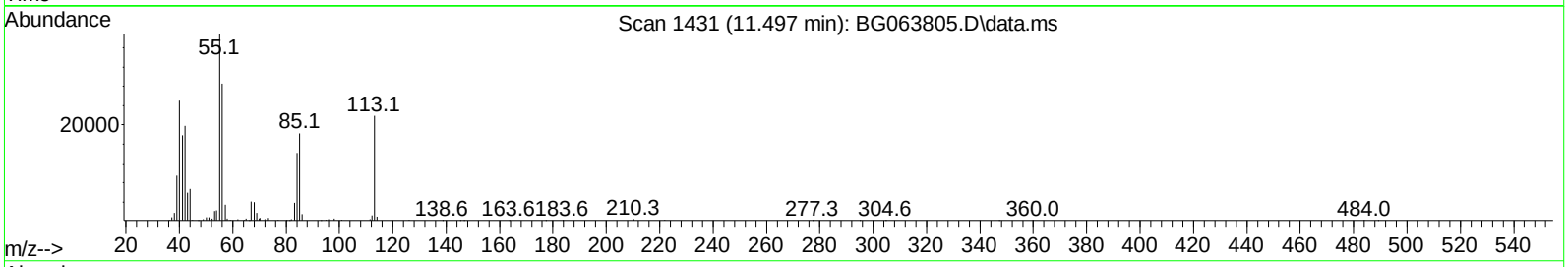
Quant Time: Dec 24 05:37:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

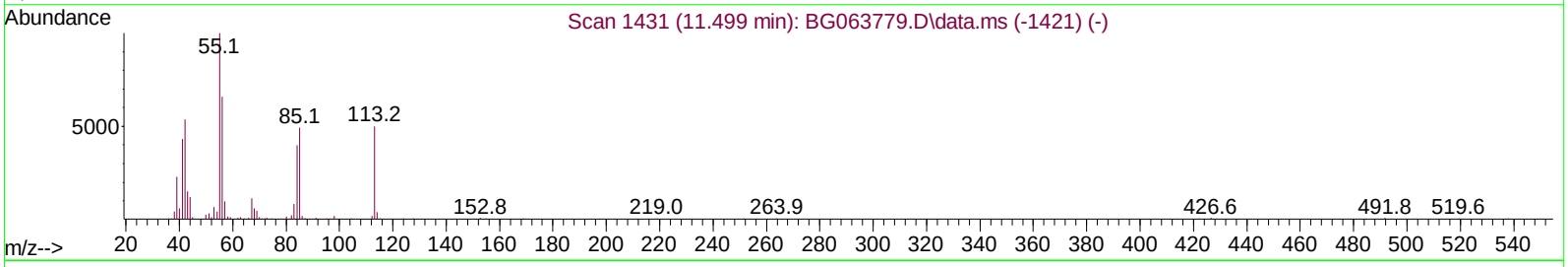
Instrument :
BNA_G
ClientSampleId :
SLCS779

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024







TIC: BG063805.D\data.ms

(34) Caprolactam

11.497min (+ 0.002) 23.23 ng/ul

response 45150

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	177.61
56.00	133.90	131.04
0.00	0.00	0.00

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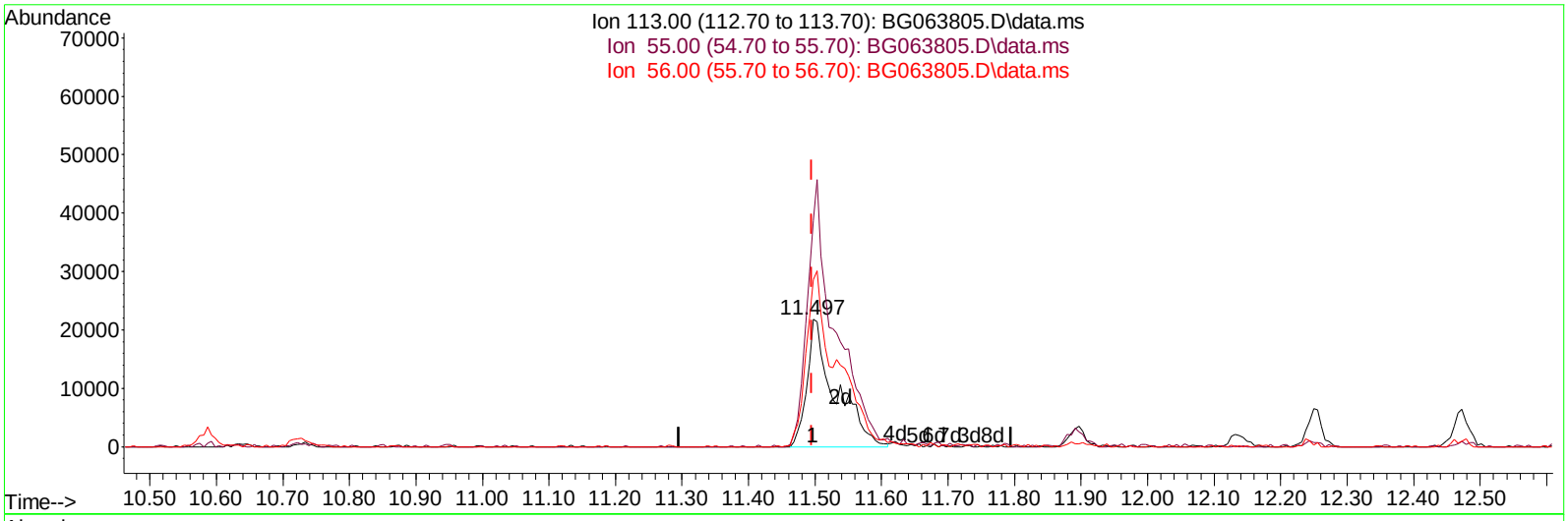

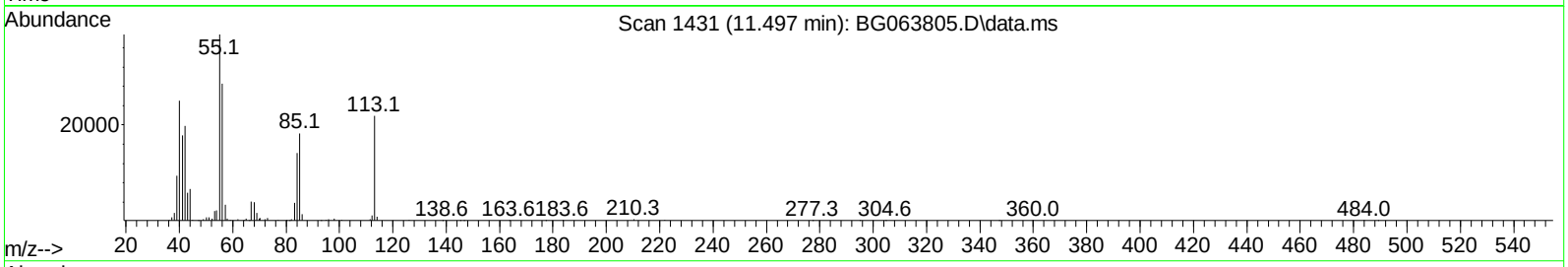

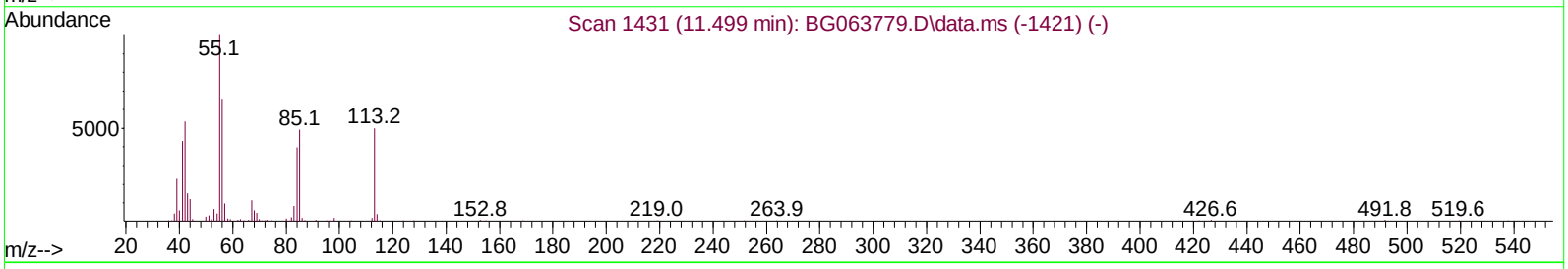

TIC: BG063805.D\data.ms

(34) Caprolactam

11.497min (+ 0.002) 33.17 ng/ul m

response 64456

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	177.61
56.00	133.90	131.04
0.00	0.00	0.00

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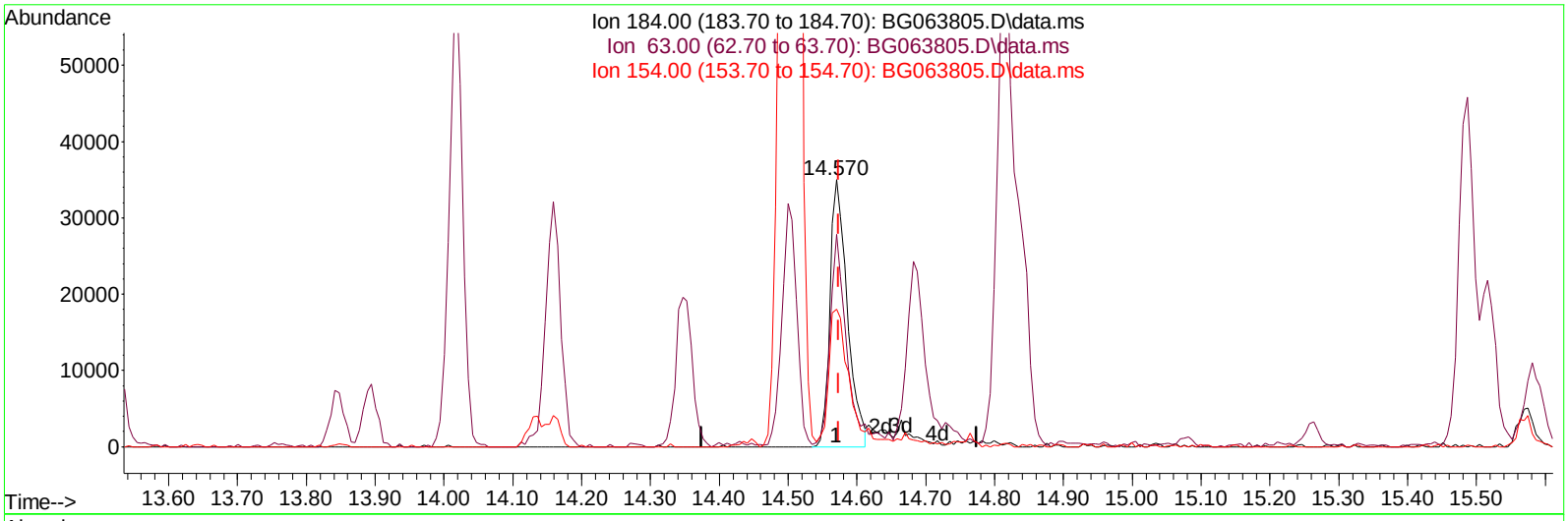

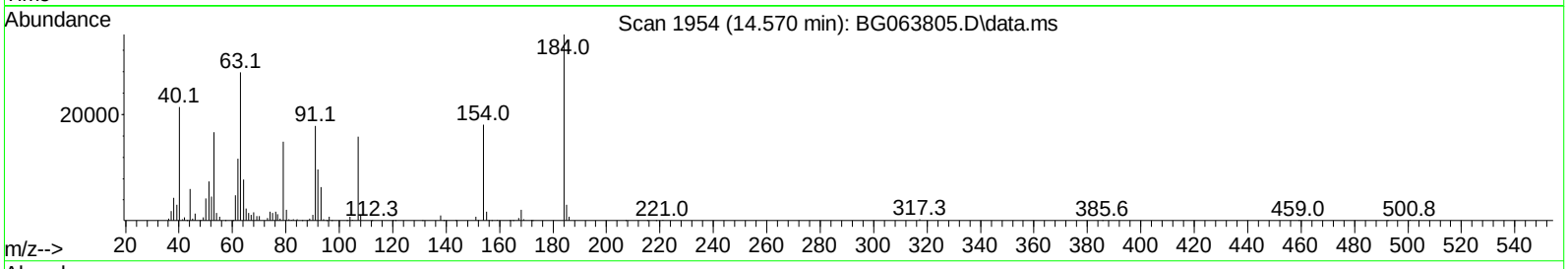

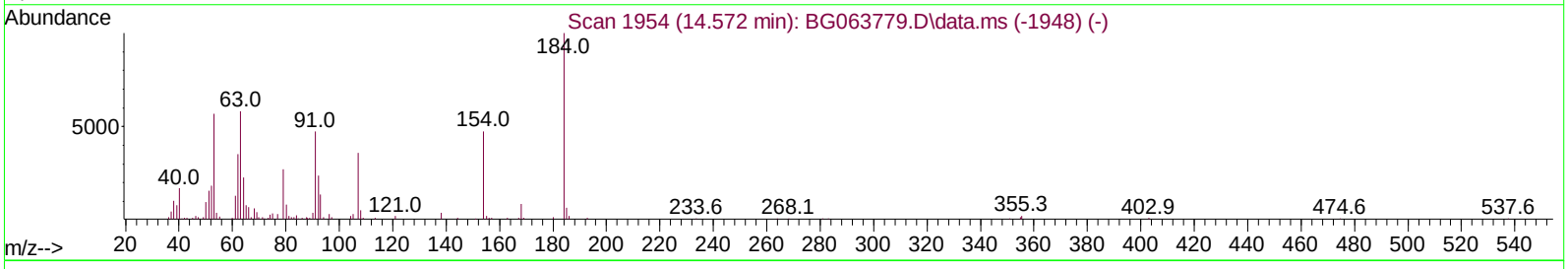

TIC: BG063805.D\data.ms

(53) 2,4-Dinitrophenol

14.570min (-0.004) 32.24 ng/ul

response 60945

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	79.61#
154.00	59.70	51.62
0.00	0.00	0.00

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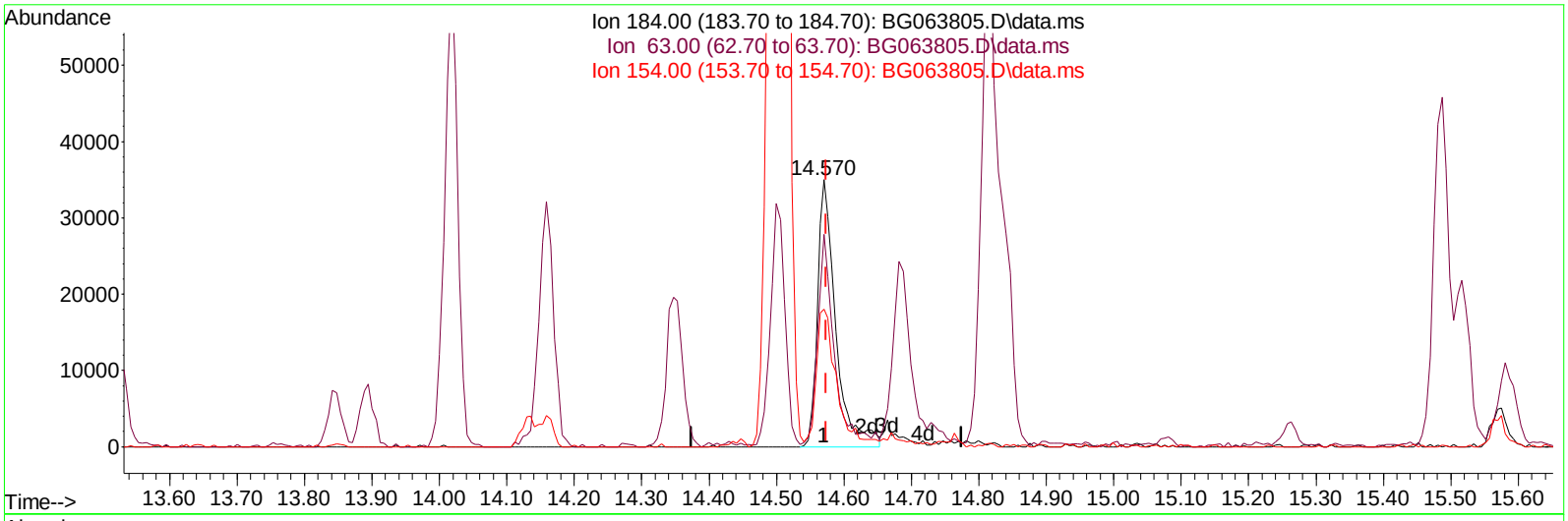

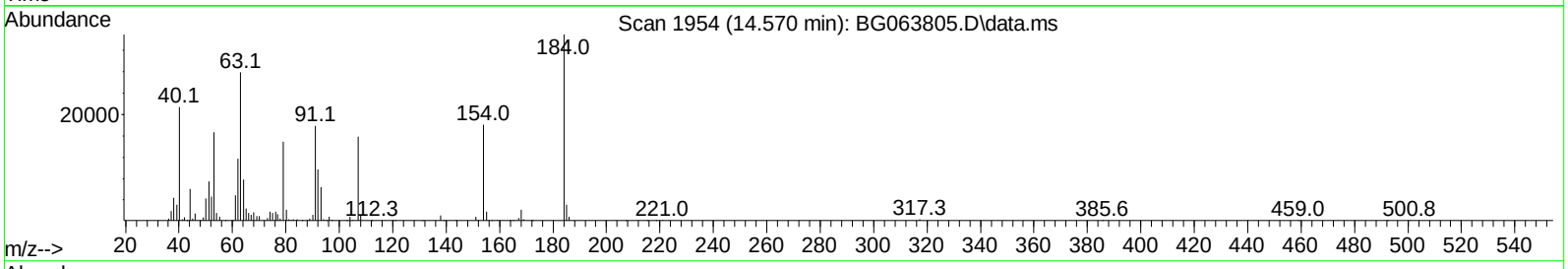

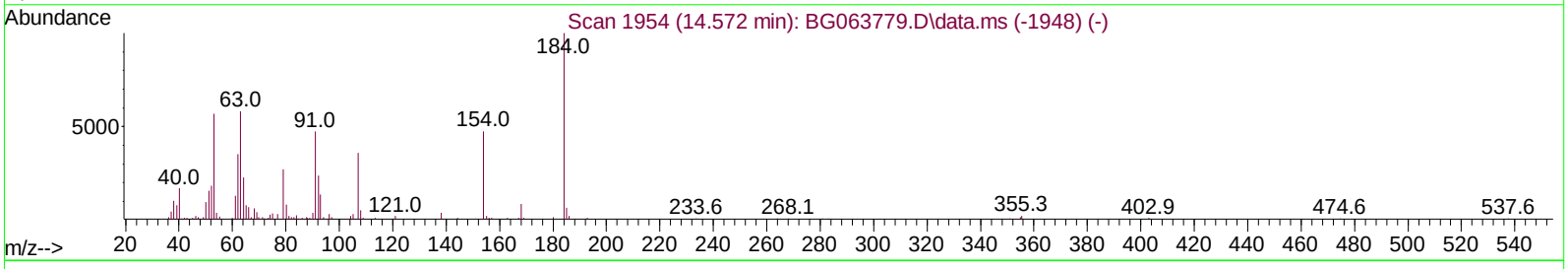

TIC: BG063805.D\data.ms

(53) 2,4-Dinitrophenol

14.570min (-0.004) 34.89 ng/ul m

response 65950

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	79.61#
154.00	59.70	51.62
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	90471	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	365103	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.441	164	292073	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.191	188	751859	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	847357	20.000	ng/ul	0.00
88) Perylene-d12	24.453	264	852658	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	12897	5.586	ng/uL	0.00
4) Pyridine-d5	3.671	84	212362	29.159	ng/ul	0.00
7) Phenol-d5	6.985	99	250162	30.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.132	67	153286	26.636	ng/ul	0.00
11) 2-Chlorophenol-d4	7.337	132	159726	29.610	ng/ul	0.00
15) 4-Methylphenol-d8	8.518	113	181620	28.075	ng/ul	0.00
21) Nitrobenzene-d5	8.953	128	76634	29.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.676	143	86770	29.694	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	186134	32.900	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	193715	26.966	ng/ul	0.00
46) Dimethylphthalate-d6	13.848	166	575078	28.936	ng/ul	0.00
49) Acenaphthylene-d8	14.130	160	657130	29.005	ng/ul	0.00
54) 4-Nitrophenol-d4	14.670	143	96540	34.284	ng/ul	0.00
60) Fluorene-d10	15.434	176	533817	30.379	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	117200	30.023	ng/ul	0.00
73) Anthracene-d10	17.291	188	1000558	30.953	ng/ul	0.00
81) Pyrene-d10	19.588	212	1279041	29.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.247	264	1241215	30.998	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	28251	10.340	ng/uL	95
5) Pyridine	3.689	79	227513	29.166	ng/ul	92
6) Benzaldehyde	6.944	77	19020	3.721	ng/ul#	82
8) Phenol	7.014	94	278676	31.382	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.220	93	195414	28.762	ng/ul	96
12) 2-Chlorophenol	7.367	128	172383	31.570	ng/ul	95
13) 2-Methylphenol	8.254	108	194997	30.382	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.319	45	272213	26.988	ng/ul	96
16) Acetophenone	8.618	105	293920	26.787	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.601	70	162622	24.839	ng/ul	93
18) 4-Methylphenol	8.583	108	211115	30.054	ng/ul	96
19) Hexachloroethane	8.871	117	68779	25.635	ng/ul	89
22) Nitrobenzene	8.994	77	249412	28.651	ng/ul	95
23) Isophorone	9.517	82	469160	28.524	ng/ul	97
25) 2-Nitrophenol	9.705	139	95156	31.686	ng/ul	96
26) 2,4-Dimethylphenol	9.776	107	210323	30.864	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.999	93	257466	28.941	ng/ul#	96
29) 2,4-Dichlorophenol	10.252	162	189013	33.623	ng/ul#	93
30) Naphthalene	10.639	128	536151	29.372	ng/ul	100
32) 4-Chloroaniline	10.751	127	128940	18.865	ng/ul	93
33) Hexachlorobutadiene	10.922	225	121600	26.625	ng/ul	95
34) Caprolactam	11.497	113	64456m	33.169	ng/ul	
35) 4-Chloro-3-methylphenol	11.891	107	208713	31.624	ng/ul#	92

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.249	142	379183	28.903 ng/ul	97
37) 1-Methylnaphthalene	12.473	142	385431	28.842 ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.625	216	233936	25.020 ng/ul	98
40) Hexachlorocyclopentadiene	12.602	237	50946	13.783 ng/ul	97
41) 2,4,6-Trichlorophenol	12.872	196	163097	30.863 ng/ul	97
42) 2,4,5-Trichlorophenol	12.954	196	175054	31.741 ng/ul	95
43) 1,1'-Biphenyl	13.266	154	539283	27.998 ng/ul	97
44) 2-Chloronaphthalene	13.313	162	431286	27.883 ng/ul	97
45) 2-Nitroaniline	13.518	65	168427	32.508 ng/ul	100
47) Dimethylphthalate	13.895	163	600417	30.144 ng/ul	98
48) 2,6-Dinitrotoluene	14.018	165	115830	31.312 ng/ul	96
50) Acenaphthylene	14.159	152	715372	29.448 ng/ul	99
51) 3-Nitroaniline	14.347	138	117426	34.334 ng/ul	95
52) Acenaphthene	14.506	153	510256	29.635 ng/ul	97
53) 2,4-Dinitrophenol	14.570	184	65950m	34.886 ng/ul	
55) 4-Nitrophenol	14.688	109	93544	31.992 ng/ul	92
56) Dibenzofuran	14.840	168	735442	30.297 ng/ul	97
57) 2,4-Dinitrotoluene	14.817	165	192335	34.991 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.075	232	155410	32.690 ng/ul	97
59) Diethylphthalate	15.263	149	619784	32.187 ng/ul	96
61) Fluorene	15.493	166	610833	31.513 ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.481	204	324521	30.052 ng/ul	96
63) 4-Nitroaniline	15.516	138	142481	41.612 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.587	198	128472	31.945 ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	545473	29.960 ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	216616	28.270 ng/ul	98
69) Hexachlorobenzene	16.503	284	247863	28.872 ng/ul	94
70) Atrazine	16.656	200	233127	30.291 ng/ul	95
71) Pentachlorophenol	16.856	266	107185	29.612 ng/ul	94
72) Phenanthrene	17.232	178	1163781	32.120 ng/ul	99
74) Anthracene	17.326	178	1187828	32.391 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.236	216	245409	24.464 ng/ul	98
76) Pentachlorobenzene	14.764	250	262961	26.460 ng/ul	98
77) Carbazole	17.596	167	1080344	36.394 ng/ul	97
78) Di-n-butylphthalate	18.154	149	1238720	34.553 ng/ul	99
80) Fluoranthene	19.253	202	1529364	30.516 ng/ul	97
82) Pyrene	19.617	202	1650701	30.958 ng/ul	95
83) Butylbenzylphthalate	20.510	149	542067	33.117 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	446497	29.189 ng/ul	96
85) Benzo(a)anthracene	21.421	228	1593529	30.007 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	804241	33.777 ng/ul	98
87) Chrysene	21.486	228	1500278	29.642 ng/ul	97
89) Di-n-octyl phthalate	22.467	149	1380456	37.510 ng/ul	100
90) Benzo(b)fluoranthene	23.501	252	1506937	31.096 ng/ul	100
91) Benzo(k)fluoranthene	23.566	252	1580672	32.699 ng/ul	97
93) Benzo(a)pyrene	24.318	252	1435063	31.549 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.860	276	1774457	31.943 ng/ul	98
95) Dibenzo(a,h)anthracene	27.902	278	1432461	32.227 ng/ul	98
96) Benzo(g,h,i)perylene	28.918	276	1385033	31.420 ng/ul	97

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

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