Quantitation Report (Qedit)

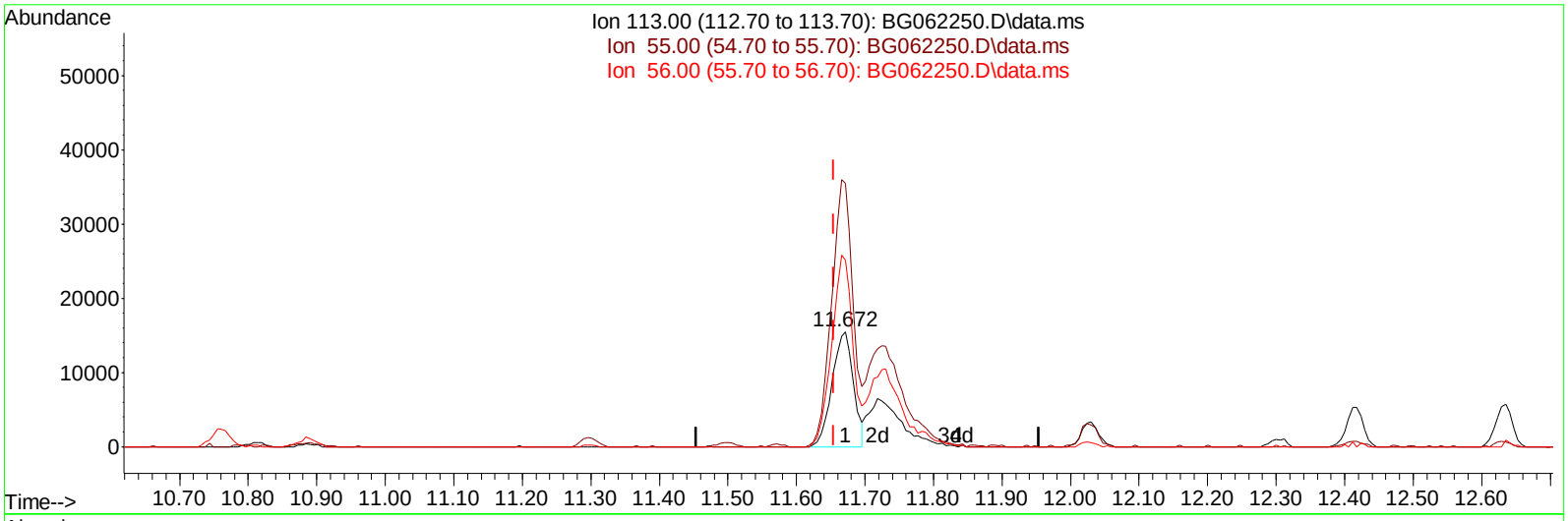
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062250.D
Acq On : 5 Aug 2024 23:32
Operator : MA/JU
Sample : P3361-12MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

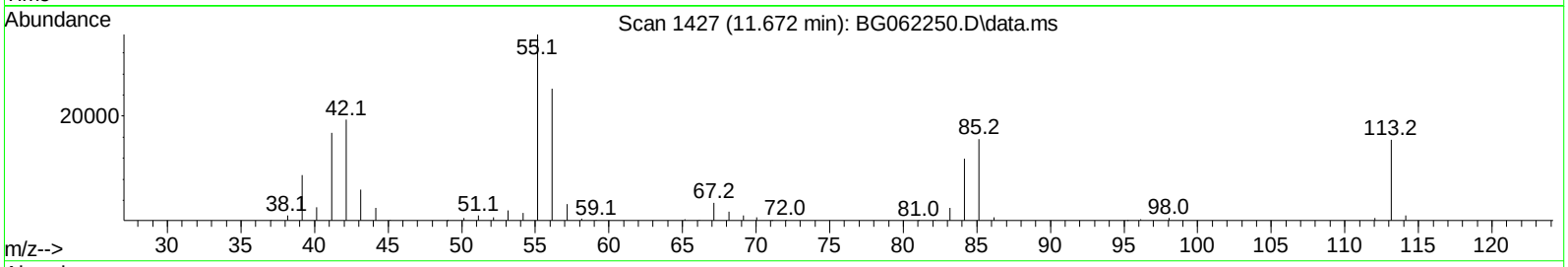
Quant Time: Aug 06 02:43:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 02:21:27 2024
Response via : Initial Calibration

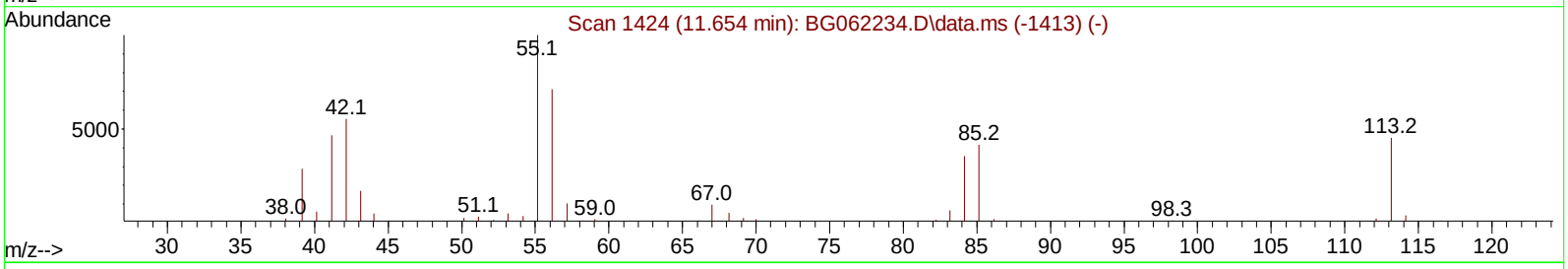
Instrument :
BNA_G
ClientSampleId :
E20P2MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024







TIC: BG062250.D\data.ms

(34) Caprolactam

11.672min (+ 0.017) 18.23 ng/ul

response 33318

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	229.22
56.00	156.80	162.61
0.00	0.00	0.00

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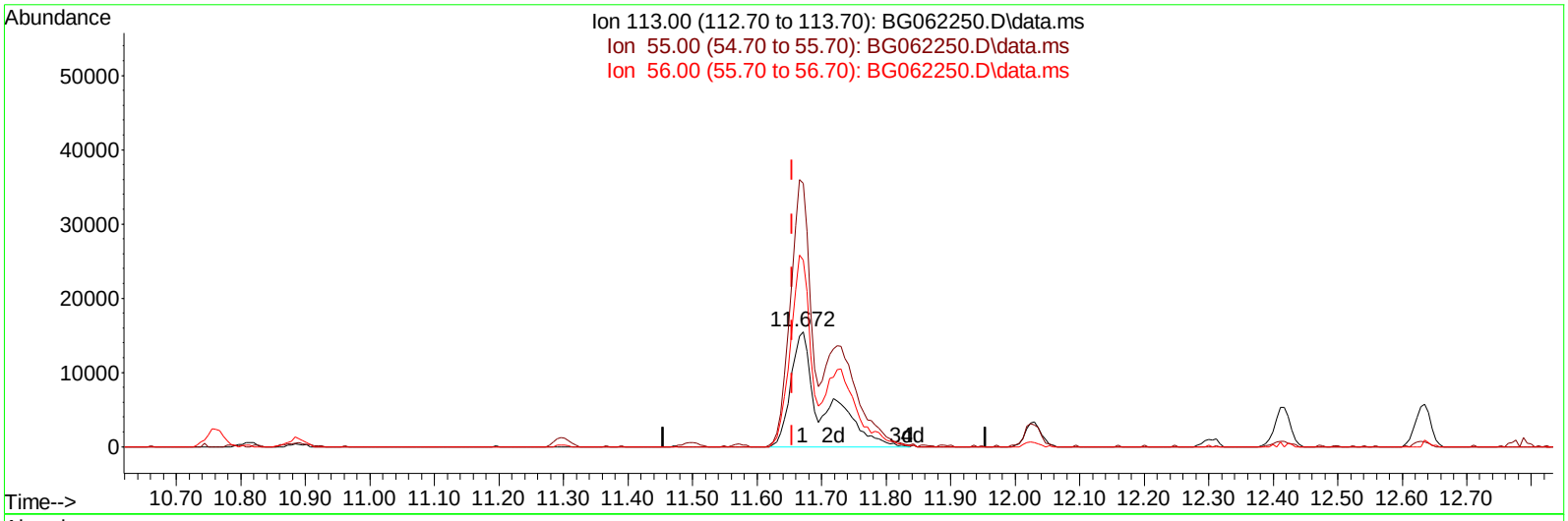

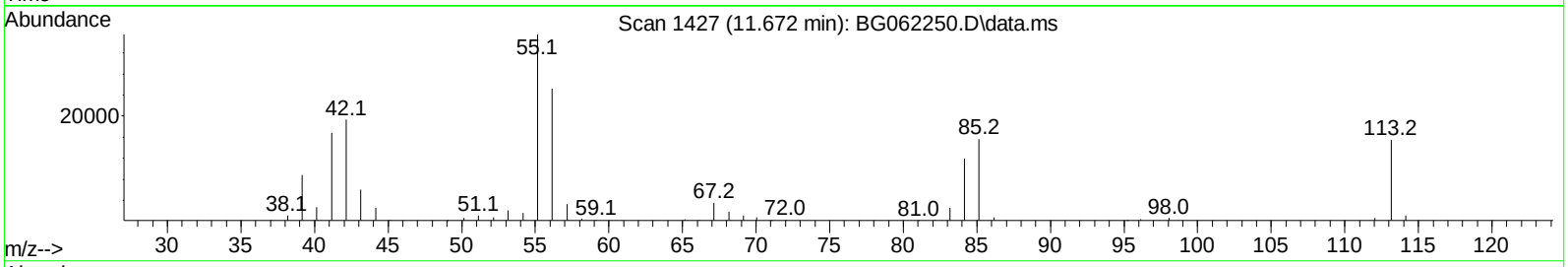

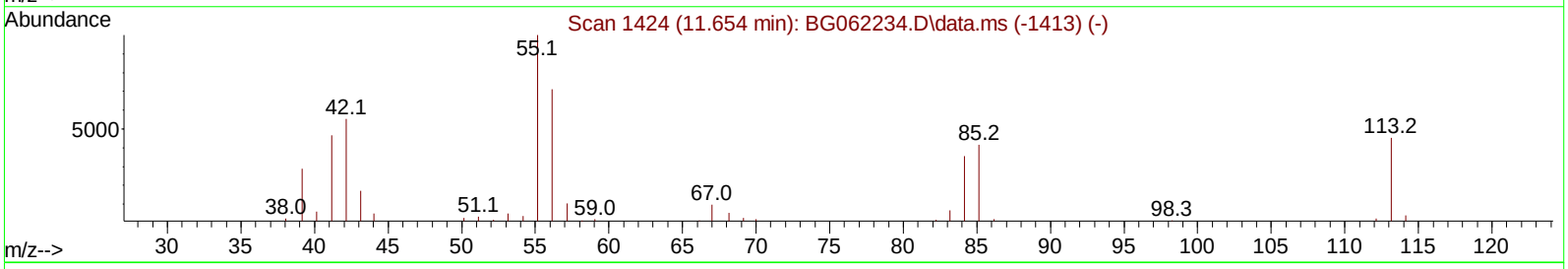

TIC: BG062250.D\data.ms

(34) Caprolactam

11.672min (+ 0.017) 30.07 ng/ul m

response 54954

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	229.22
56.00	156.80	162.61
0.00	0.00	0.00

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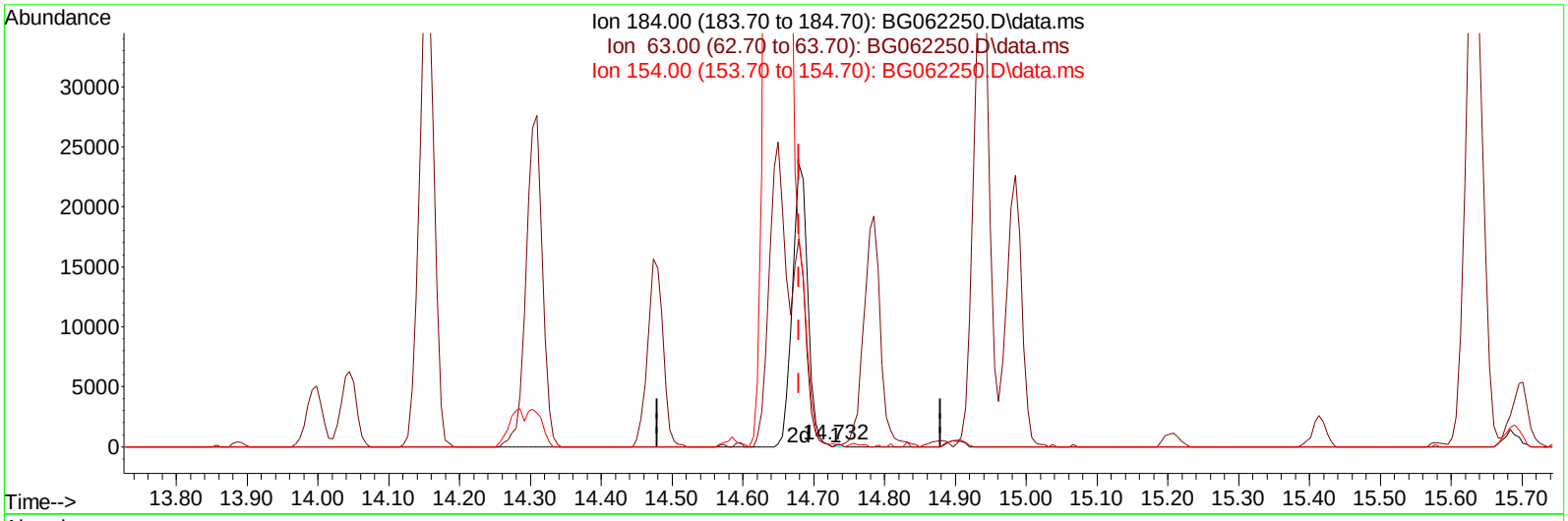

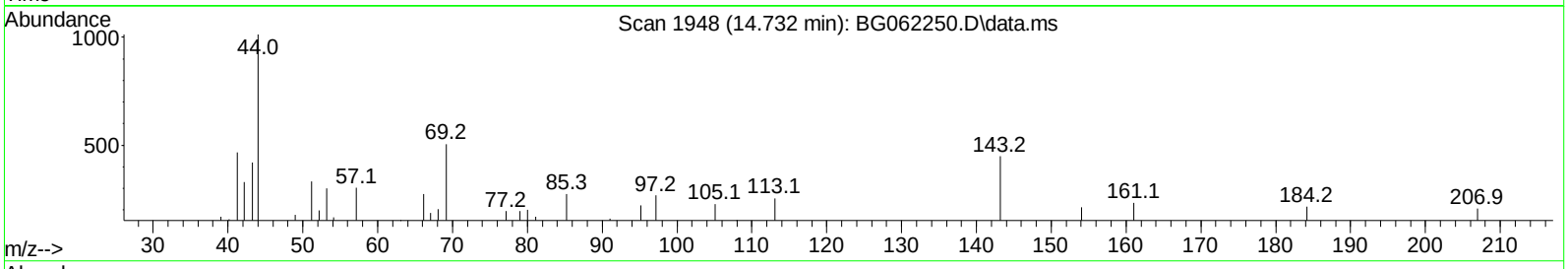

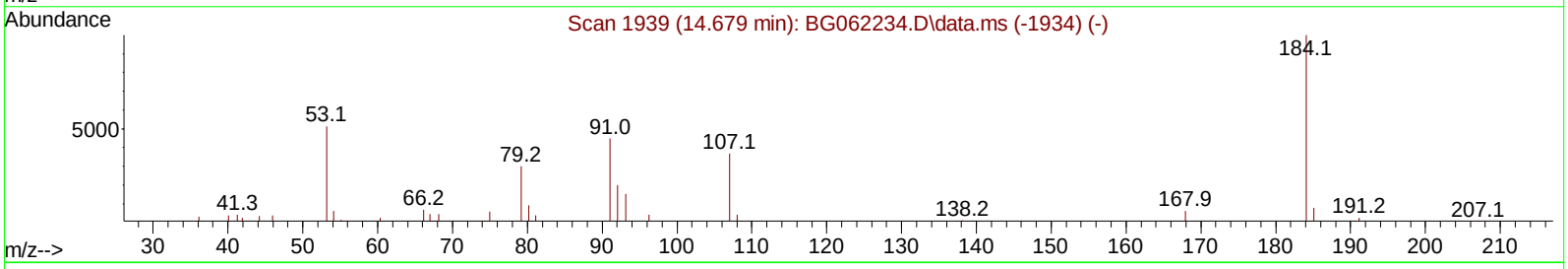

TIC: BG062250.D\data.ms

(53) 2,4-Dinitrophenol

14.732min (+ 0.053) 0.14 ng/ul

response 137

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.60	71.03
154.00	92.90	99.53
0.00	0.00	0.00

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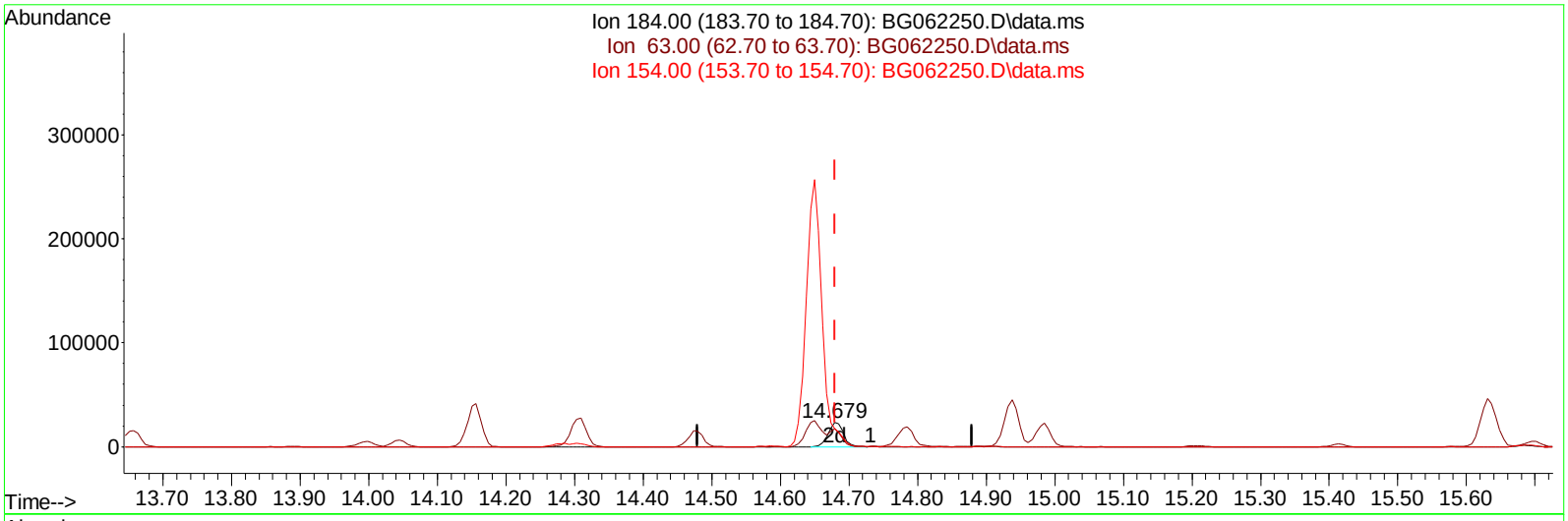

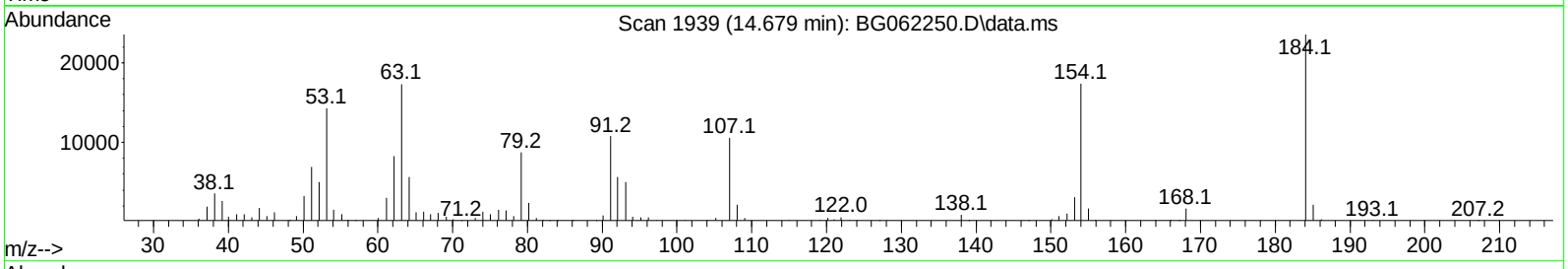

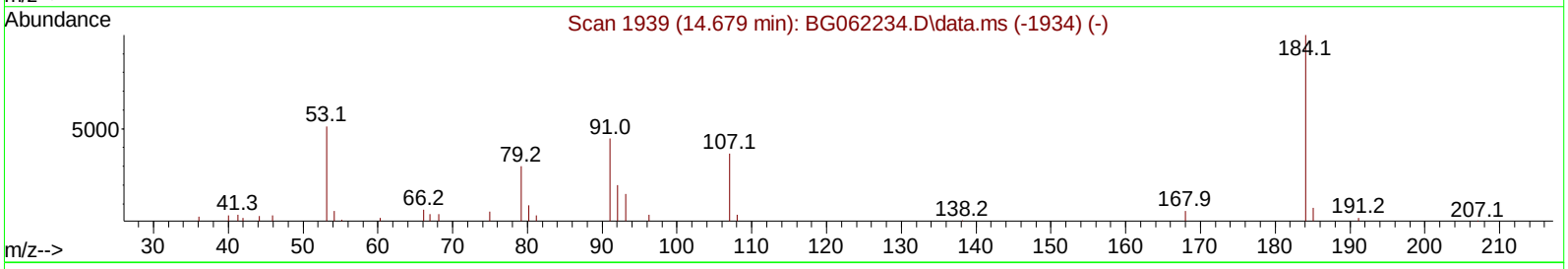

TIC: BG062250.D\data.ms

(53) 2,4-Dinitrophenol

14.679min (-0.000) 37.06 ng/ul m

response 35832

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.60	73.53
154.00	92.90	73.77#
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	7.965	152	64124	20.000	ng/ul	0.00
20) Naphthalene-d8	10.761	136	305946	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.585	164	230101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.329	188	503217	20.000	ng/ul	0.00
79) Chrysene-d12	21.570	240	480894	20.000	ng/ul	0.00
88) Perylene-d12	24.666	264	559680	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.424	96	6249	4.202	ng/uL	0.00
4) Pyridine-d5	3.829	84	80136	17.129	ng/ul	0.00
7) Phenol-d5	7.119	99	153192	25.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	90797	24.100	ng/ul	0.00
11) 2-Chlorophenol-d4	7.495	132	114063	26.012	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	127645	25.038	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	56546	29.974	ng/ul	0.00
24) 2-Nitrophenol-d4	9.839	143	58695	33.074	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	138169	26.806	ng/ul	0.00
31) 4-Chloroaniline-d4	10.884	131	166671	22.294	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	455898	25.680	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	523723	26.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.767	143	68133	27.413	ng/ul	0.00
60) Fluorene-d10	15.578	176	408324	25.624	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.684	200	48216	32.353	ng/ul	0.00
73) Anthracene-d10	17.423	188	633913	26.118	ng/ul	0.00
81) Pyrene-d10	19.702	212	774514	27.097	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.454	264	801999	26.806	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.459	88	16828	10.023	ng/uL#	84
5) Pyridine	3.847	79	124470	25.596	ng/ul	97
6) Benzaldehyde	7.101	77	105281	32.549	ng/ul	99
8) Phenol	7.142	94	191717	29.686	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.389	93	139570	29.161	ng/ul	95
12) 2-Chlorophenol	7.530	128	142833	30.658	ng/ul	96
13) 2-Methylphenol	8.394	108	147738	30.339	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.488	45	286938	29.343	ng/ul	99
16) Acetophenone	8.781	105	239287	29.474	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	130879	30.334	ng/ul	96
18) 4-Methylphenol	8.728	108	166491	30.531	ng/ul	94
19) Hexachloroethane	9.046	117	52461	30.300	ng/ul	92
22) Nitrobenzene	9.157	77	174476	32.522	ng/ul	97
23) Isophorone	9.686	82	367098	28.444	ng/ul	99
25) 2-Nitrophenol	9.868	139	80257	37.283	ng/ul	96
26) 2,4-Dimethylphenol	9.927	107	172244	27.955	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.174	93	216567	29.755	ng/ul	98
29) 2,4-Dichlorophenol	10.403	162	159475	30.527	ng/ul	97
30) Naphthalene	10.808	128	505952	29.094	ng/ul	100
32) 4-Chloroaniline	10.908	127	178604	24.443	ng/ul	100
33) Hexachlorobutadiene	11.102	225	112750	28.516	ng/ul	98
34) Caprolactam	11.672	113	54954m	30.074	ng/ul	
35) 4-Chloro-3-methylphenol	12.030	107	185343	31.617	ng/ul	98

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E20P2MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.418	142	361270	30.154 ng/ul	99
37) 1-Methylnaphthalene	12.635	142	346766	27.935 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.782	216	214799	28.593 ng/ul	99
40) Hexachlorocyclopentadiene	12.770	237	75669	25.918 ng/ul	98
41) 2,4,6-Trichlorophenol	13.017	196	133116	30.551 ng/ul	96
42) 2,4,5-Trichlorophenol	13.081	196	145465	30.986 ng/ul	98
43) 1,1'-Biphenyl	13.422	154	523485	30.027 ng/ul	99
44) 2-Chloronaphthalene	13.463	162	407498	30.082 ng/ul	99
45) 2-Nitroaniline	13.657	65	127247	36.881 ng/ul	93
47) Dimethylphthalate	14.045	163	515783	28.960 ng/ul	99
48) 2,6-Dinitrotoluene	14.156	165	94130	38.710 ng/ul	95
50) Acenaphthylene	14.309	152	633187	29.523 ng/ul	99
51) 3-Nitroaniline	14.479	138	94722	34.217 ng/ul#	98
52) Acenaphthene	14.650	153	460082	28.813 ng/ul	97
53) 2,4-Dinitrophenol	14.679	184	35832m	37.059 ng/ul	
55) 4-Nitrophenol	14.785	109	80390	36.159 ng/ul	95
56) Dibenzofuran	14.985	168	646738	29.318 ng/ul	99
57) 2,4-Dinitrotoluene	14.938	165	132366	39.682 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.208	232	137220	32.460 ng/ul	99
59) Diethylphthalate	15.414	149	511922	28.466 ng/ul	99
61) Fluorene	15.631	166	491767	28.510 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.631	204	254651	28.635 ng/ul	98
63) 4-Nitroaniline	15.643	138	96779	36.276 ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.701	198	67027	39.034 ng/ul	100
67) N-Nitrosodiphenylamine	15.836	169	447325	29.665 ng/ul	99
68) 4-Bromophenyl-phenylether	16.524	248	171773	29.960 ng/ul	98
69) Hexachlorobenzene	16.630	284	193530	29.016 ng/ul	98
70) Atrazine	16.788	200	158281	27.398 ng/ul	98
71) Pentachlorophenol	16.970	266	121710	34.656 ng/ul	98
72) Phenanthrene	17.370	178	845462	29.851 ng/ul	99
74) Anthracene	17.458	178	837789	28.821 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	227009	30.121 ng/ul	99
76) Pentachlorobenzene	14.902	250	226530	28.731 ng/ul	97
77) Carbazole	17.722	167	716390	30.050 ng/ul	99
78) Di-n-butylphthalate	18.304	149	885716	31.223 ng/ul	99
80) Fluoranthene	19.373	202	1018930	31.527 ng/ul	99
82) Pyrene	19.737	202	1068405	31.043 ng/ul	100
83) Butylbenzylphthalate	20.636	149	393582	33.134 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.470	252	318005	29.378 ng/ul	99
85) Benzo(a)anthracene	21.552	228	1056716	30.005 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.494	149	574219	31.321 ng/ul	97
87) Chrysene	21.617	228	1002154	30.143 ng/ul	99
89) Di-n-octyl phthalate	22.680	149	1007635	31.606 ng/ul	100
90) Benzo(b)fluoranthene	23.691	252	1024892	30.104 ng/ul	99
91) Benzo(k)fluoranthene	23.755	252	1042662	30.103 ng/ul	99
93) Benzo(a)pyrene	24.525	252	924713	28.705 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.173	276	1253743	30.033 ng/ul	98
95) Dibenzo(a,h)anthracene	28.243	278	1024675	30.053 ng/ul	99
96) Benzo(g,h,i)perylene	29.259	276	974497	30.741 ng/ul	98

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

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