Quantitation Report (Qedit)

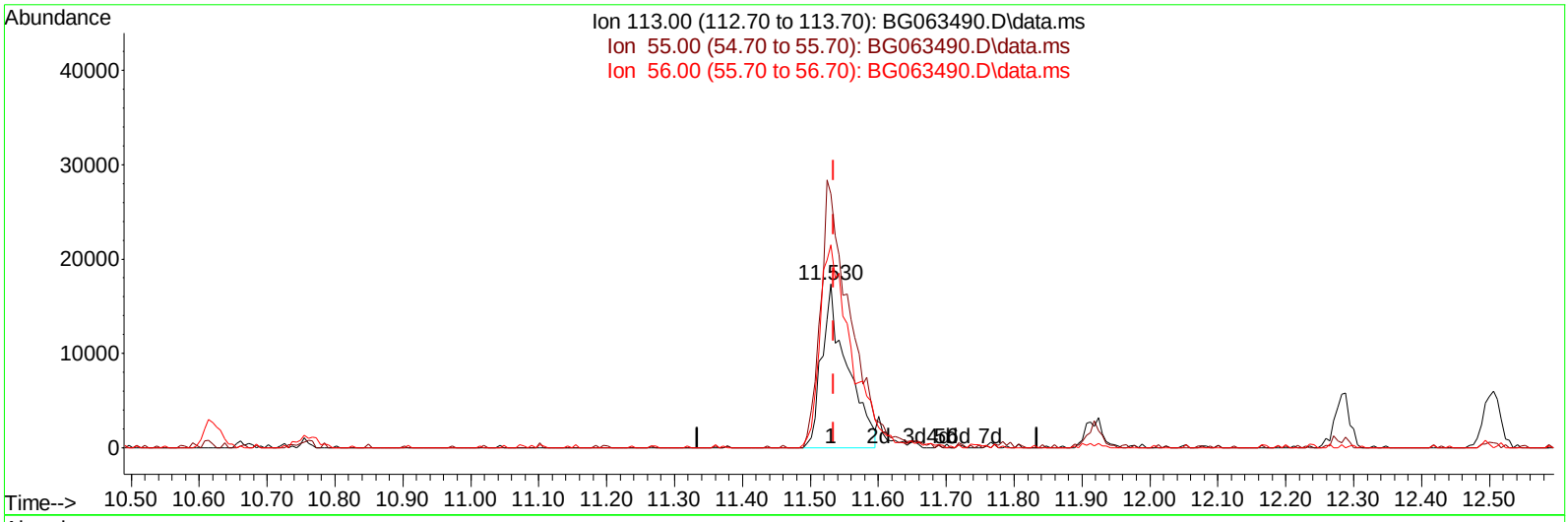
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
Data File : BG063490.D
Acq On : 20 Nov 2024 19:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

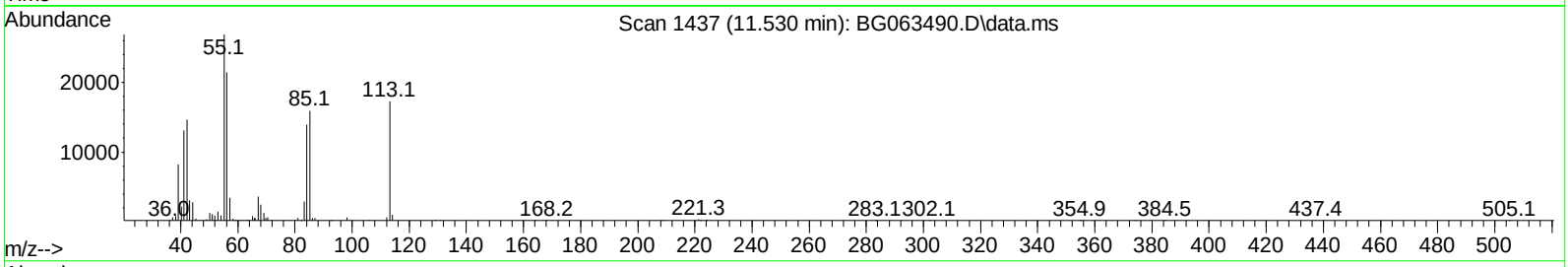
Quant Time: Nov 20 22:58:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

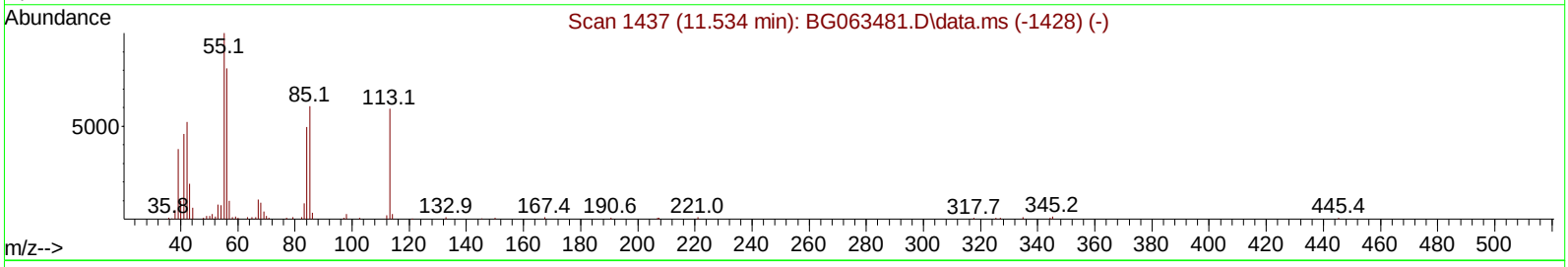
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BG063490.D\data.ms

(34) Caprolactam

11.530min (-0.004) 19.89 ng/ul

response 44889

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	155.28
56.00	137.20	123.86
0.00	0.00	0.00

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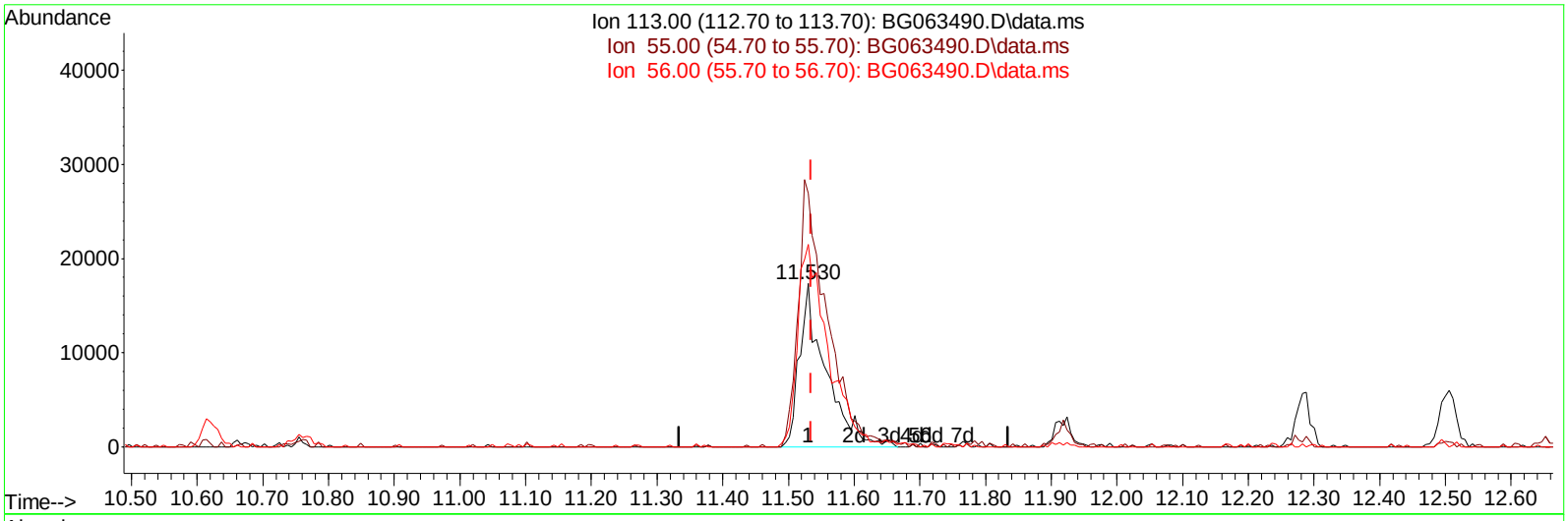

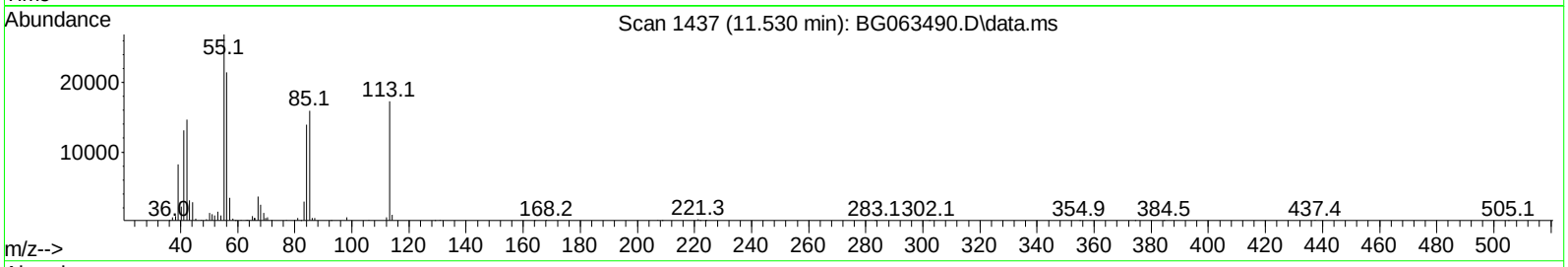

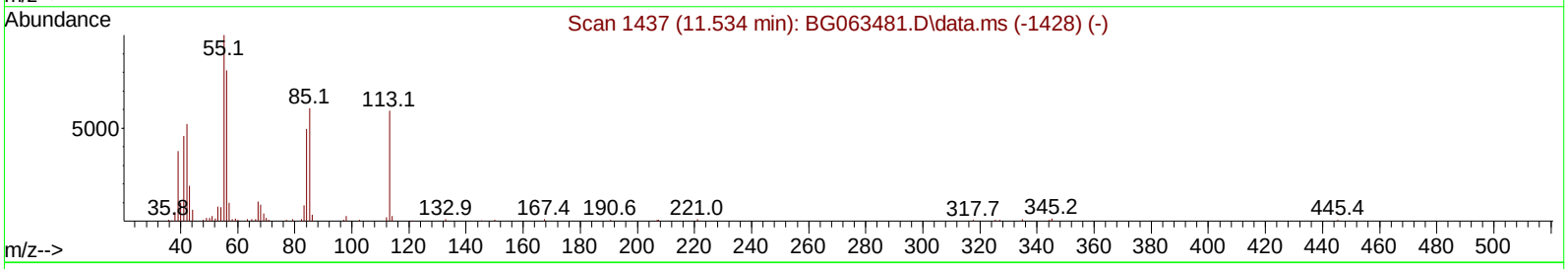

TIC: BG063490.D\data.ms

(34) Caprolactam

11.530min (-0.004) 21.45 ng/ul m

response 48409

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	155.28
56.00	137.20	123.86
0.00	0.00	0.00

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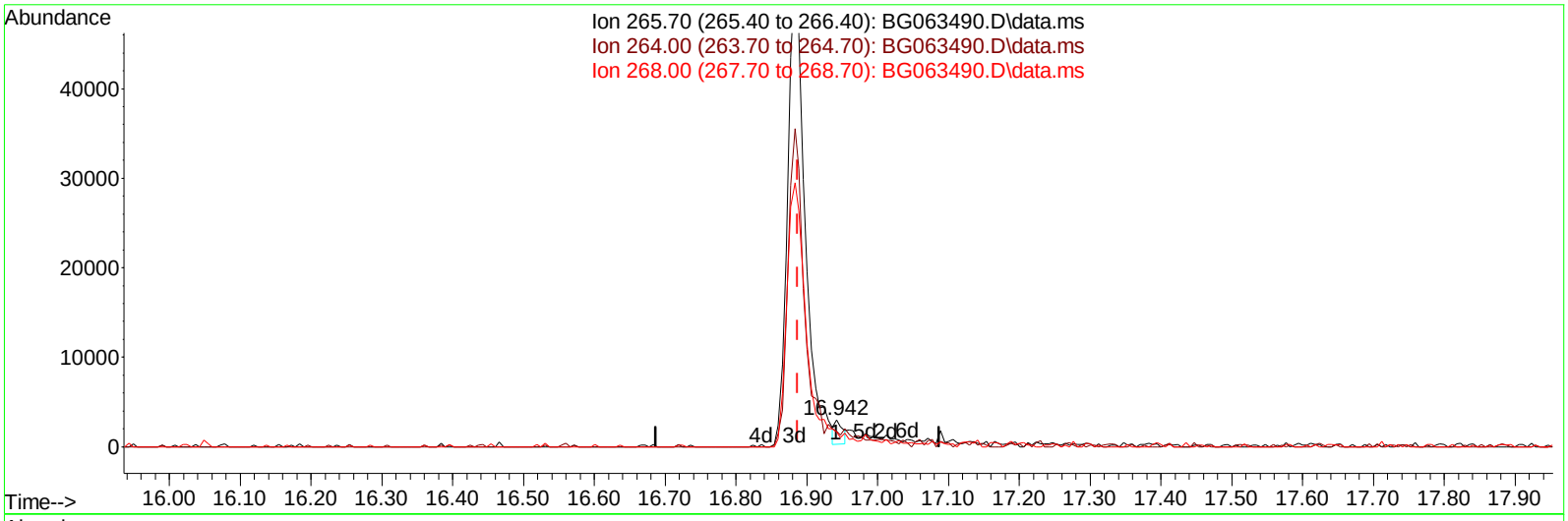

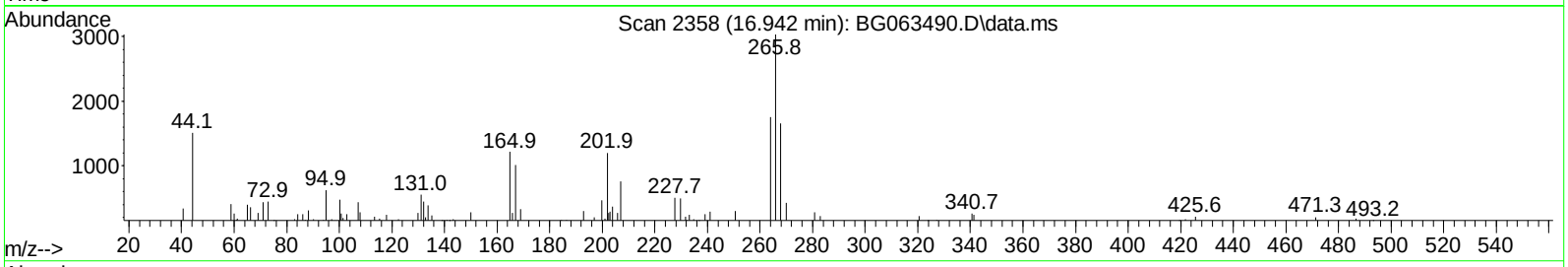

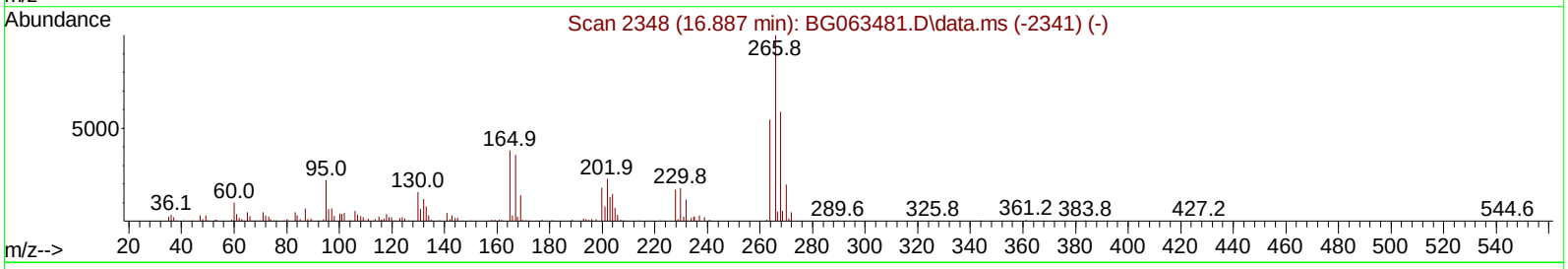

TIC: BG063490.D\data.ms

(71) Pentachlorophenol (C)

16.942min (+ 0.055) 0.51 ng/ul

response 2175

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	57.70
268.00	64.20	54.70
0.00	0.00	0.00

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LabSampleId :
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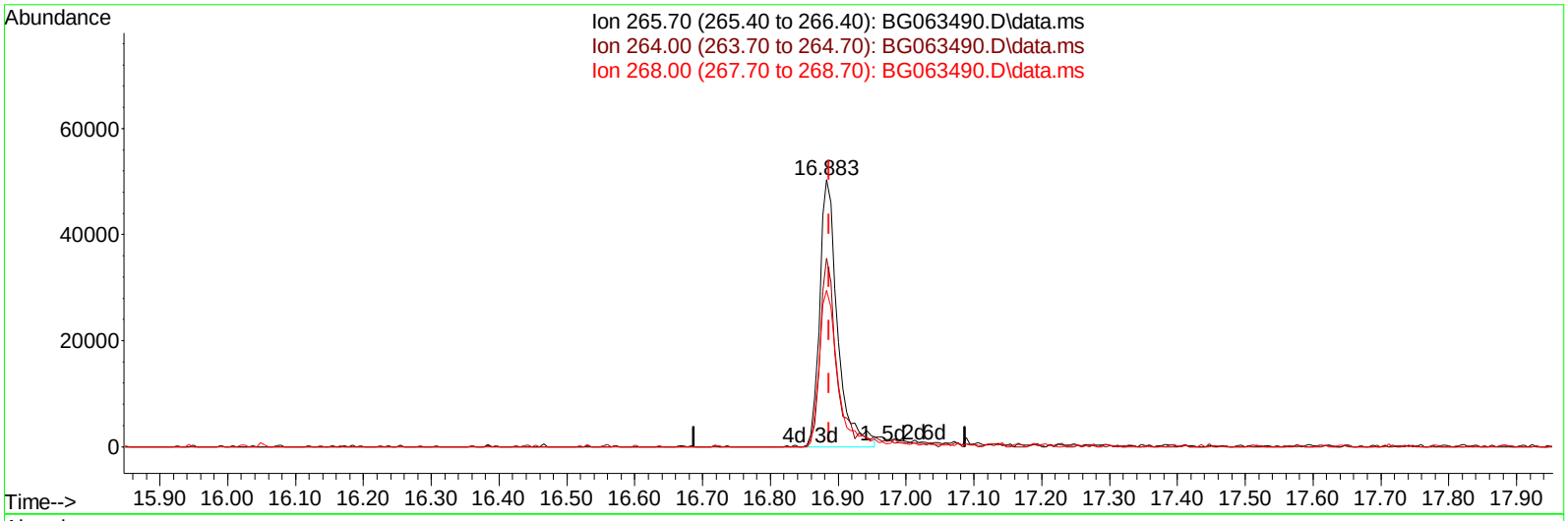

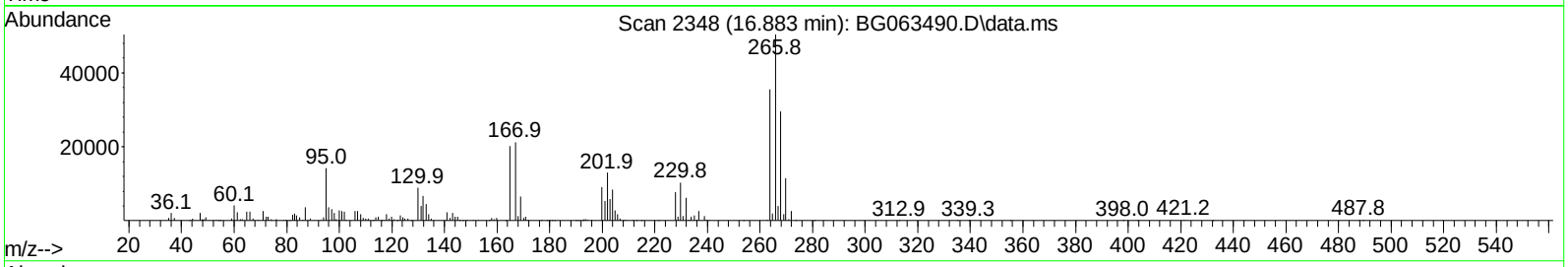

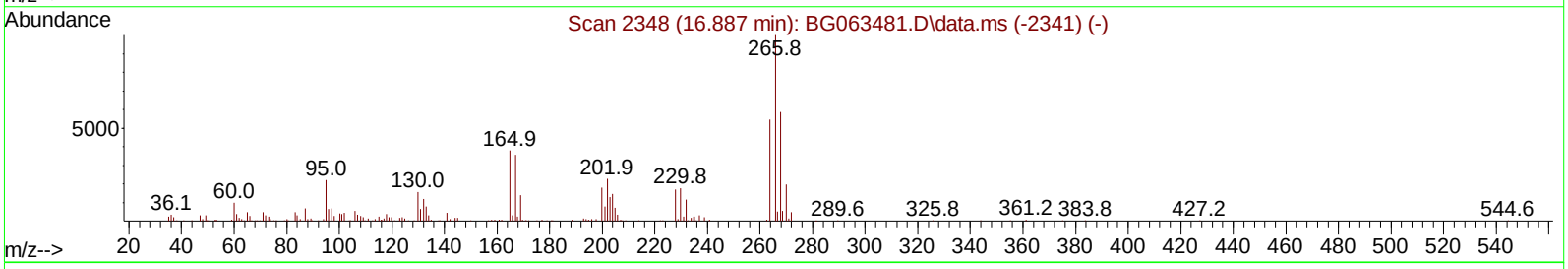

TIC: BG063490.D\data.ms

(71) Pentachlorophenol (C)

16.883min (-0.004) 21.61 ng/ul m

response 92037

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	70.63#
268.00	64.20	58.63
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	7.829	152	99897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	404818	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	309990	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	775108	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	907669	20.000	ng/ul	0.00
88) Perylene-d12	24.527	264	971579	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	21475	8.485	ng/uL	0.00
4) Pyridine-d5	3.698	84	161561	20.365	ng/ul	0.00
7) Phenol-d5	7.006	99	169613	20.644	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	110695	21.007	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	121568	20.879	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	140675	20.490	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	64209	22.087	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	75876	21.128	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	148848	21.715	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	181332	20.915	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	476944	22.664	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	521358	21.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	67442	21.569	ng/ul	0.00
60) Fluorene-d10	15.467	176	420999	22.017	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	92999	21.341	ng/ul	0.00
73) Anthracene-d10	17.324	188	756277	22.458	ng/ul	0.00
81) Pyrene-d10	19.627	212	1008592	22.168	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.315	264	1051998	22.323	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	23640	7.910	ng/uL	95
5) Pyridine	3.722	79	172198	21.332	ng/ul	99
6) Benzaldehyde	6.971	77	110876	23.578	ng/ul	95
8) Phenol	7.036	94	190107	21.220	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.253	93	132032	20.418	ng/ul	97
12) 2-Chlorophenol	7.400	128	128872	20.736	ng/ul	96
13) 2-Methylphenol	8.275	108	138363	20.757	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.346	45	192853	20.358	ng/ul	93
16) Acetophenone	8.646	105	225014	20.748	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.628	70	128679	21.231	ng/ul	95
18) 4-Methylphenol	8.604	108	151203	20.681	ng/ul	86
19) Hexachloroethane	8.904	117	56130	20.912	ng/ul	93
22) Nitrobenzene	9.027	77	190375	21.346	ng/ul	98
23) Isophorone	9.545	82	350151	21.501	ng/ul	99
25) 2-Nitrophenol	9.738	139	79610	22.343	ng/ul	90
26) 2,4-Dimethylphenol	9.803	107	166667	21.700	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.032	93	190545	21.136	ng/ul	95
29) 2,4-Dichlorophenol	10.273	162	146461	21.869	ng/ul	95
30) Naphthalene	10.673	128	453778	21.929	ng/ul	97
32) 4-Chloroaniline	10.778	127	174662	21.082	ng/ul	99
33) Hexachlorobutadiene	10.955	225	130324	21.816	ng/ul	94
34) Caprolactam	11.530	113	48409m	21.447	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	151671	22.252	ng/ul	89

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	317385	21.608	ng/ul	97
37) 1-Methylnaphthalene	12.506	142	324197	21.020	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.659	216	239105	21.950	ng/ul	97
40) Hexachlorocyclopentadiene	12.635	237	90083	19.388	ng/ul	96
41) 2,4,6-Trichlorophenol	12.905	196	127791	21.380	ng/ul	96
42) 2,4,5-Trichlorophenol	12.976	196	139955	22.688	ng/ul	97
43) 1,1'-Biphenyl	13.299	154	461878	22.451	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	352649	21.815	ng/ul	97
45) 2-Nitroaniline	13.546	65	116530	22.871	ng/ul	89
47) Dimethylphthalate	13.922	163	445951	21.750	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	96574	23.217	ng/ul	96
50) Acenaphthylene	14.192	152	534882	22.172	ng/ul	94
51) 3-Nitroaniline	14.380	138	87000	22.837	ng/ul	99
52) Acenaphthene	14.533	153	383391	22.003	ng/ul	98
53) 2,4-Dinitrophenol	14.597	184	42238	19.777	ng/ul	92
55) 4-Nitrophenol	14.703	109	86366	23.768	ng/ul	92
56) Dibenzofuran	14.874	168	560818	22.434	ng/ul	95
57) 2,4-Dinitrotoluene	14.844	165	150423	23.632	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.103	232	133916	22.845	ng/ul	95
59) Diethylphthalate	15.297	149	451408	21.797	ng/ul	96
61) Fluorene	15.520	166	462059	21.713	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	277929	21.887	ng/ul	95
63) 4-Nitroaniline	15.543	138	92465	23.707	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.614	198	100655	21.617	ng/ul#	94
67) N-Nitrosodiphenylamine	15.731	169	397965	21.626	ng/ul	93
68) 4-Bromophenyl-phenylether	16.413	248	189037	21.766	ng/ul	94
69) Hexachlorobenzene	16.530	284	201014	22.076	ng/ul#	91
70) Atrazine	16.683	200	199873	22.480	ng/ul	97
71) Pentachlorophenol	16.883	266	92037m	21.614	ng/ul	
72) Phenanthrene	17.265	178	815644	22.075	ng/ul	97
74) Anthracene	17.359	178	835631	22.147	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.264	216	236724	20.989	ng/ul	93
76) Pentachlorobenzene	14.797	250	239251	21.482	ng/ul	96
77) Carbazole	17.629	167	738027	23.575	ng/ul	99
78) Di-n-butylphthalate	18.193	149	833908	23.236	ng/ul	98
80) Fluoranthene	19.292	202	1098804	21.842	ng/ul	99
82) Pyrene	19.656	202	1256074	23.300	ng/ul	98
83) Butylbenzylphthalate	20.549	149	387185	22.132	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.389	252	456766	23.426	ng/ul	98
85) Benzo(a)anthracene	21.466	228	1324492	22.567	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.384	149	560450	22.041	ng/ul	99
87) Chrysene	21.525	228	1253486	22.841	ng/ul	98
89) Di-n-octyl phthalate	22.523	149	1009576	23.419	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	1306500	22.397	ng/ul	100
91) Benzo(k)fluoranthene	23.628	252	1338672	22.870	ng/ul	98
93) Benzo(a)pyrene	24.380	252	1212438	22.208	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.952	276	1491691	22.029	ng/ul	97
95) Dibenzo(a,h)anthracene	28.005	278	1241510	22.426	ng/ul	96
96) Benzo(g,h,i)perylene	29.016	276	1138642	22.176	ng/ul	98

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

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