Quantitation Report (Qedit)

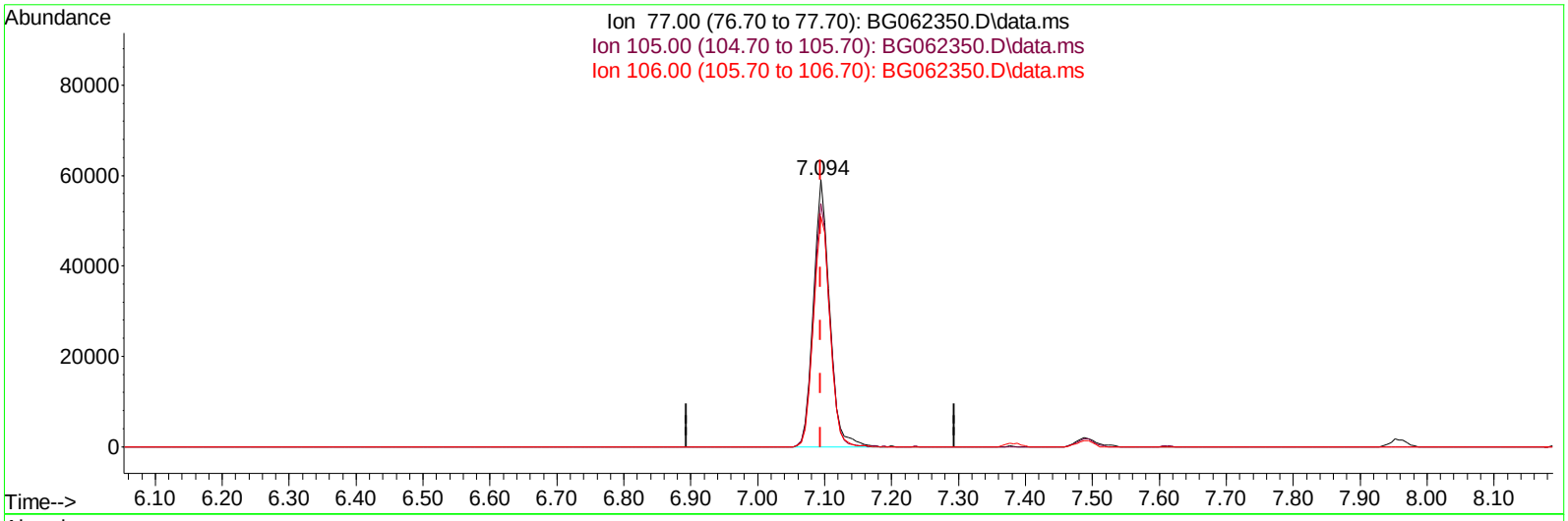
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062350.D
Acq On : 9 Aug 2024 6:36
Operator : MA/JU
Sample : PB162447BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

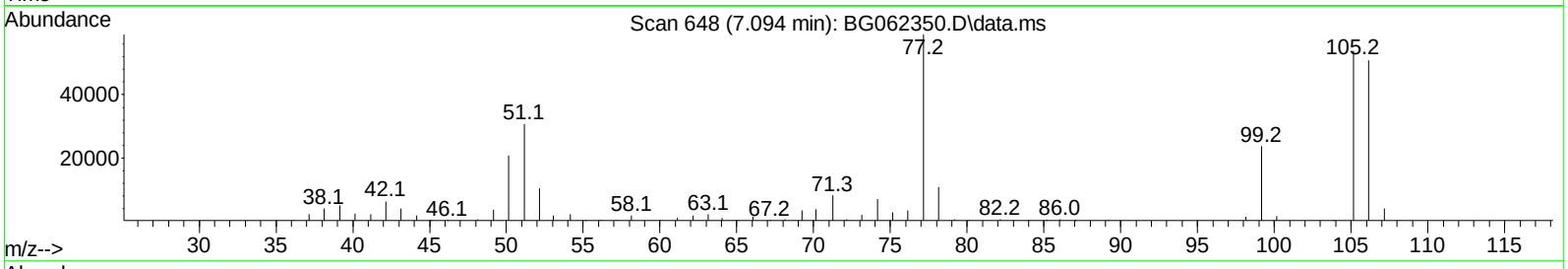
Quant Time: Aug 09 07:24:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

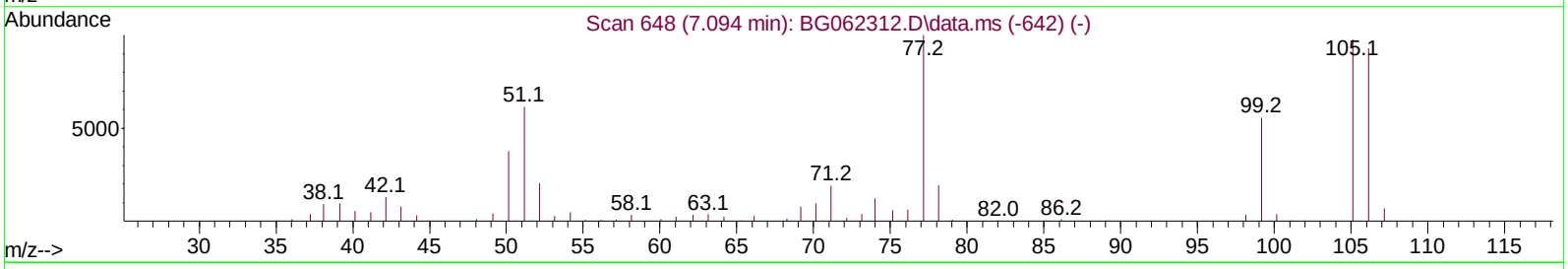
Instrument :
BNA_G
ClientSampleId :
SLCS447

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062350.D\data.ms

(6) Benzaldehyde

7.094min (+ 0.000) 26.65 ng/ul

response 99416

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	91.07
106.00	91.40	86.28
0.00	0.00	0.00

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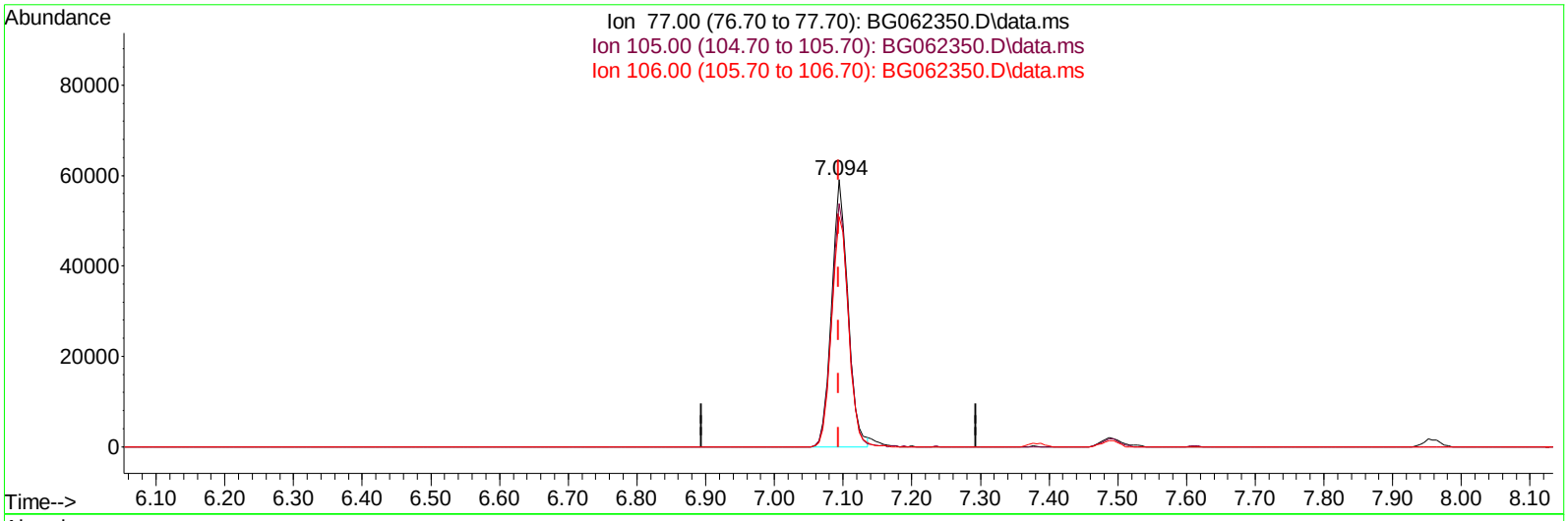

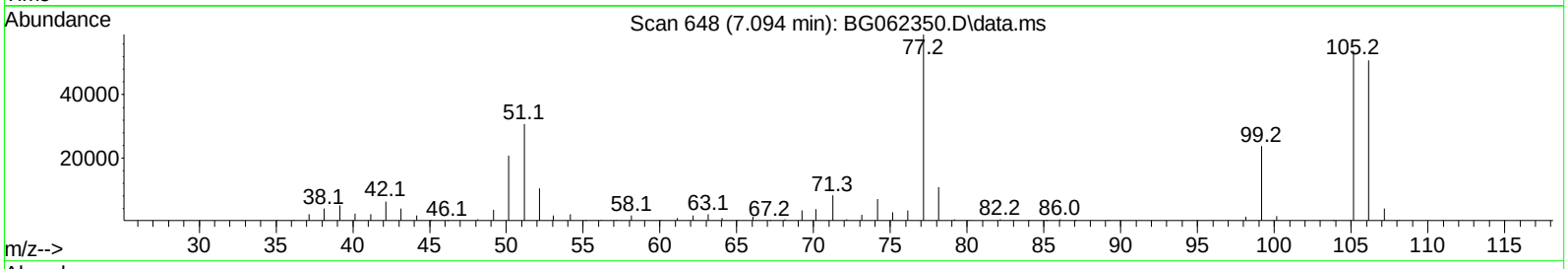

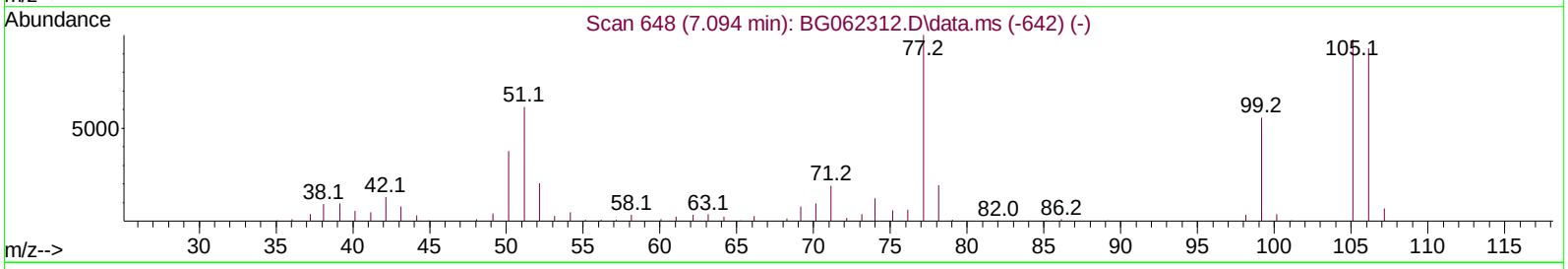

TIC: BG062350.D\data.ms

(6) Benzaldehyde

7.094min (+ 0.000) 26.17 ng/ul m

response 97605

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	91.07
106.00	91.40	86.28
0.00	0.00	0.00

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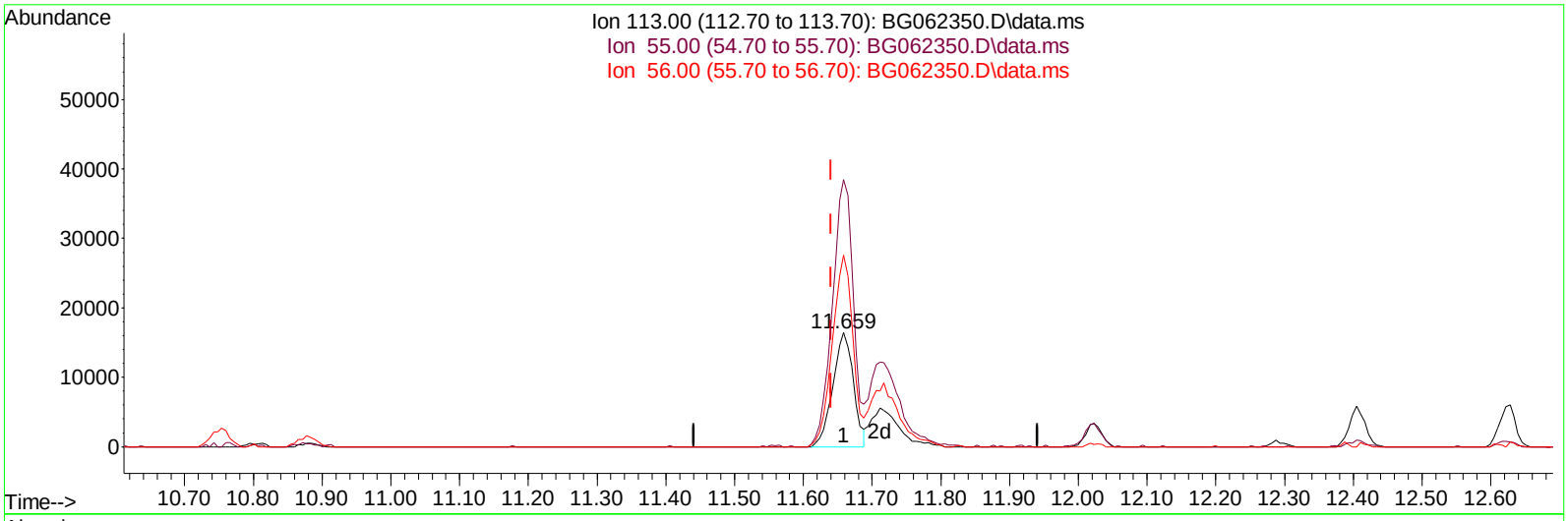

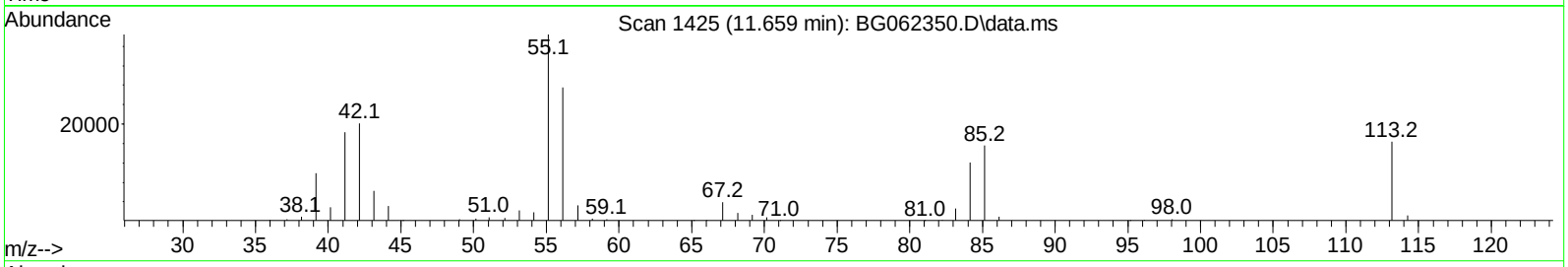

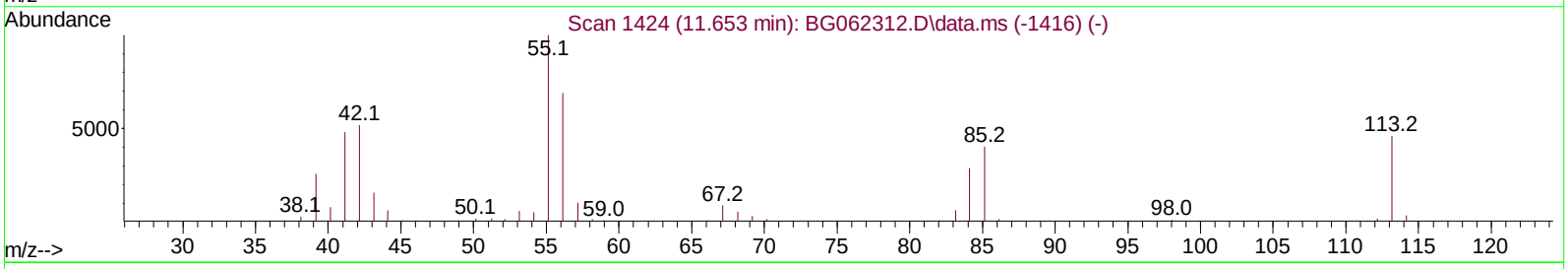

TIC: BG062350.D\data.ms

(34) Caprolactam

11.659min (+ 0.018) 16.96 ng/ul

response 33976

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	234.00
56.00	156.80	167.90
0.00	0.00	0.00

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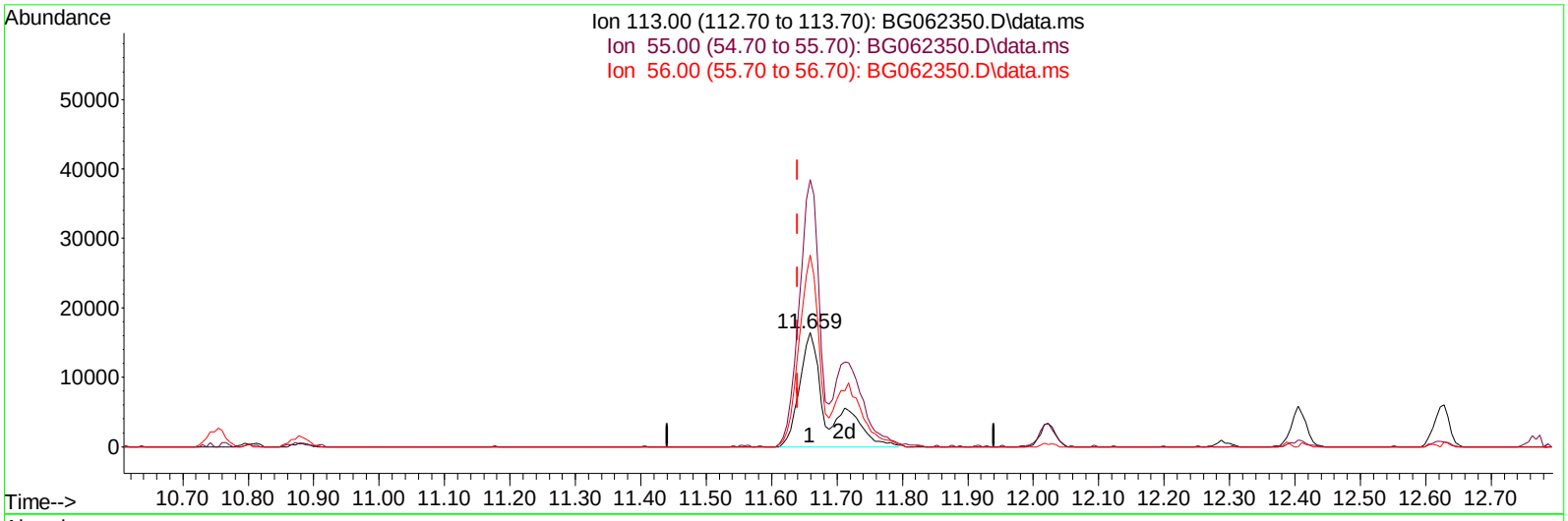

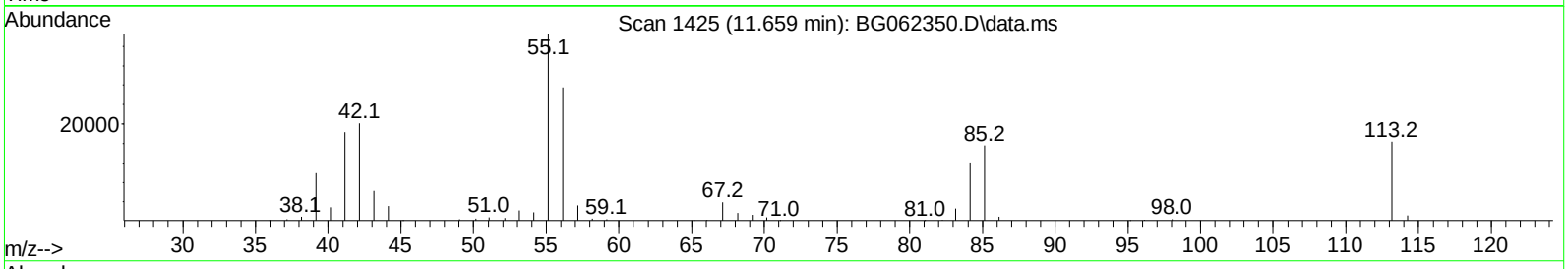

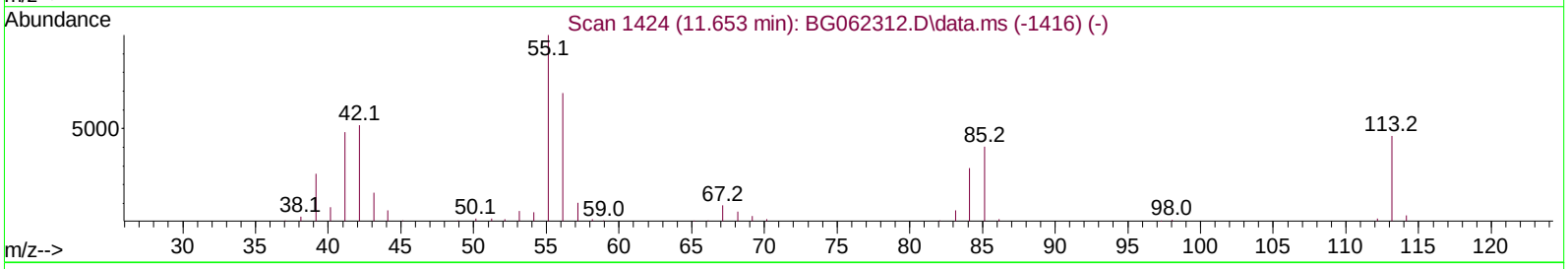

TIC: BG062350.D\data.ms

(34) Caprolactam

11.659min (+ 0.018) 24.78 ng/ul m

response 49642

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	234.00
56.00	156.80	167.90
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	7.958	152	73942	20.000	ng/ul	0.00
20) Naphthalene-d8	10.754	136	335347	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.578	164	254089	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	534221	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	546898	20.000	ng/ul	0.00
88) Perylene-d12	24.641	264	620251	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	8567	4.996	ng/uL	0.00
4) Pyridine-d5	3.822	84	124952	23.161	ng/ul	0.00
7) Phenol-d5	7.112	99	191576	27.145	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	113155	26.046	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	135856	26.868	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	151856	25.832	ng/ul	0.00
21) Nitrobenzene-d5	9.109	128	70676	34.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.832	143	78911	40.567	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	162754	28.807	ng/ul	0.00
31) 4-Chloroaniline-d4	10.877	131	194820	23.775	ng/ul	0.00
46) Dimethylphthalate-d6	13.985	166	497292	25.367	ng/ul	0.00
49) Acenaphthylene-d8	14.267	160	573138	25.785	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	85698	31.225	ng/ul	0.00
60) Fluorene-d10	15.565	176	467211	26.551	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	78988	49.925	ng/ul	0.00
73) Anthracene-d10	17.416	188	674801	26.189	ng/ul	0.00
81) Pyrene-d10	19.695	212	859228	26.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.430	264	895632	27.012	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	16508	8.527	ng/uL#	87
5) Pyridine	3.846	79	133453	23.799	ng/ul	99
6) Benzaldehyde	7.094	77	97605m	26.169	ng/ul	
8) Phenol	7.141	94	200647	26.943	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.376	93	142789	25.873	ng/ul	97
12) 2-Chlorophenol	7.523	128	146416	27.254	ng/ul	95
13) 2-Methylphenol	8.392	108	145772	25.960	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.486	45	300546	26.654	ng/ul	99
16) Acetophenone	8.774	105	234030	24.999	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.768	70	127965	25.720	ng/ul	96
18) 4-Methylphenol	8.721	108	163932	26.070	ng/ul	95
19) Hexachloroethane	9.045	117	55945	28.022	ng/ul	98
22) Nitrobenzene	9.150	77	184834	31.432	ng/ul	98
23) Isophorone	9.679	82	367687	25.992	ng/ul	99
25) 2-Nitrophenol	9.861	139	86981	36.864	ng/ul	96
26) 2,4-Dimethylphenol	9.920	107	133239	19.729	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.161	93	210748	26.417	ng/ul	97
29) 2,4-Dichlorophenol	10.396	162	163929	28.628	ng/ul	99
30) Naphthalene	10.801	128	514305	26.981	ng/ul	100
32) 4-Chloroaniline	10.907	127	179036	22.354	ng/ul	99
33) Hexachlorobutadiene	11.095	225	114077	26.323	ng/ul	98
34) Caprolactam	11.659	113	49642m	24.785	ng/ul	
35) 4-Chloro-3-methylphenol	12.023	107	183970	28.631	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.405	142	369087	28.105 ng/ul	100
37) 1-Methylnaphthalene	12.622	142	369867	27.184 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	232732	28.055 ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	84513	26.215 ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	130565	27.137 ng/ul	100
42) 2,4,5-Trichlorophenol	13.080	196	144539	27.882 ng/ul	99
43) 1,1'-Biphenyl	13.415	154	523778	27.208 ng/ul	98
44) 2-Chloronaphthalene	13.450	162	406028	27.143 ng/ul	99
45) 2-Nitroaniline	13.650	65	134070	35.190 ng/ul	94
47) Dimethylphthalate	14.032	163	506187	25.738 ng/ul	100
48) 2,6-Dinitrotoluene	14.149	165	98162	36.557 ng/ul	92
50) Acenaphthylene	14.296	152	640811	27.057 ng/ul	97
51) 3-Nitroaniline	14.472	138	98429	32.199 ng/ul#	94
52) Acenaphthene	14.643	153	450985	25.576 ng/ul	97
53) 2,4-Dinitrophenol	14.672	184	48574	45.494 ng/ul#	83
55) 4-Nitrophenol	14.772	109	73082	29.769 ng/ul	95
56) Dibenzofuran	14.978	168	636985	26.150 ng/ul	100
57) 2,4-Dinitrotoluene	14.931	165	149516	40.592 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.195	232	115033	24.643 ng/ul	97
59) Diethylphthalate	15.401	149	505097	25.435 ng/ul	98
61) Fluorene	15.624	166	496135	26.048 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.618	204	259656	26.441 ng/ul	97
63) 4-Nitroaniline	15.636	138	103942	35.283 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.694	198	85685	47.003 ng/ul	100
67) N-Nitrosodiphenylamine	15.829	169	434272	27.128 ng/ul	97
68) 4-Bromophenyl-phenylether	16.511	248	174135	28.609 ng/ul	97
69) Hexachlorobenzene	16.622	284	198265	28.001 ng/ul	97
70) Atrazine	16.769	200	14786	2.411 ng/ul	93
71) Pentachlorophenol	16.963	266	88129	23.637 ng/ul	99
72) Phenanthrene	17.357	178	810519	26.956 ng/ul	99
74) Anthracene	17.451	178	805632	26.106 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.374	216	237966	29.742 ng/ul	99
76) Pentachlorobenzene	14.895	250	228368	27.283 ng/ul	95
77) Carbazole	17.715	167	692586	27.366 ng/ul	100
78) Di-n-butylphthalate	18.285	149	853049	28.327 ng/ul	100
80) Fluoranthene	19.366	202	980891	26.687 ng/ul	97
82) Pyrene	19.724	202	1025684	26.205 ng/ul	99
83) Butylbenzylphthalate	20.617	149	379257	28.074 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	369243	29.994 ng/ul	98
85) Benzo(a)anthracene	21.533	228	1092358	27.273 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	573027	27.484 ng/ul	98
87) Chrysene	21.598	228	1028075	27.190 ng/ul	99
89) Di-n-octyl phthalate	22.644	149	989467	28.005 ng/ul	100
90) Benzo(b)fluoranthene	23.666	252	1070823	28.381 ng/ul	99
91) Benzo(k)fluoranthene	23.731	252	1047675	27.294 ng/ul	99
93) Benzo(a)pyrene	24.500	252	954380	26.733 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.125	276	1277187	27.607 ng/ul	99
95) Dibenzo(a,h)anthracene	28.195	278	1049670	27.779 ng/ul	100
96) Benzo(g,h,i)perylene	29.211	276	991391	28.220 ng/ul	97

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

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