Quantitation Report (Qedit)

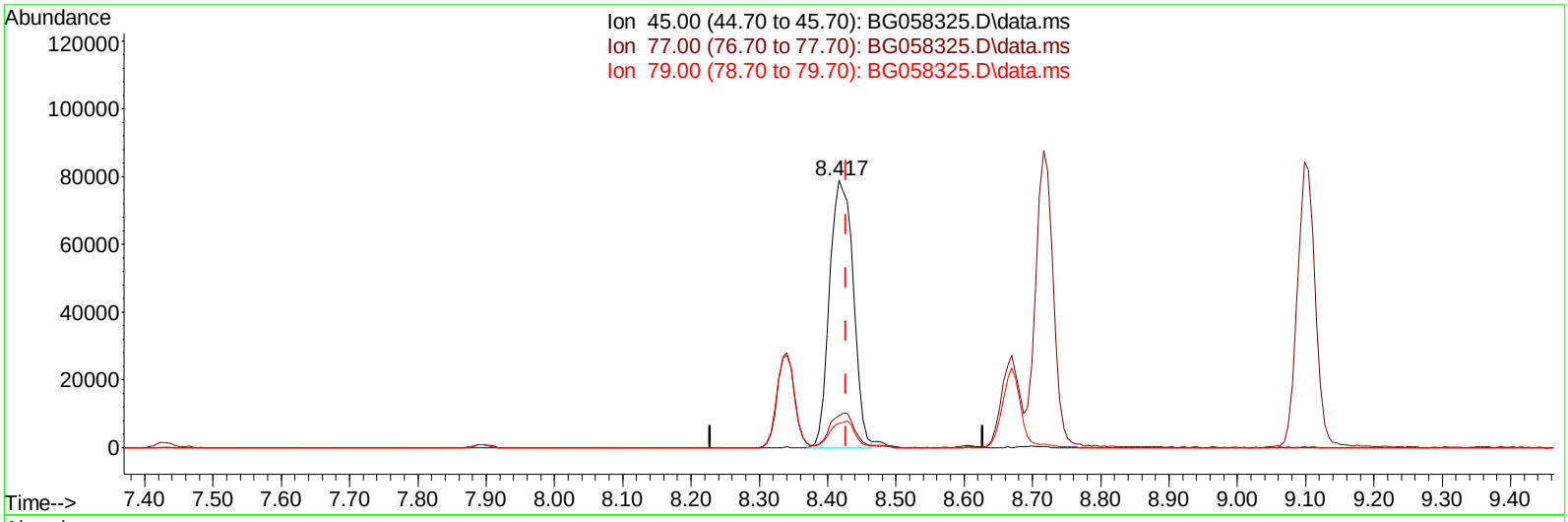
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058325.D
Acq On : 19 Jul 2023 11:46
Operator : CG/JU
Sample : PB154065BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

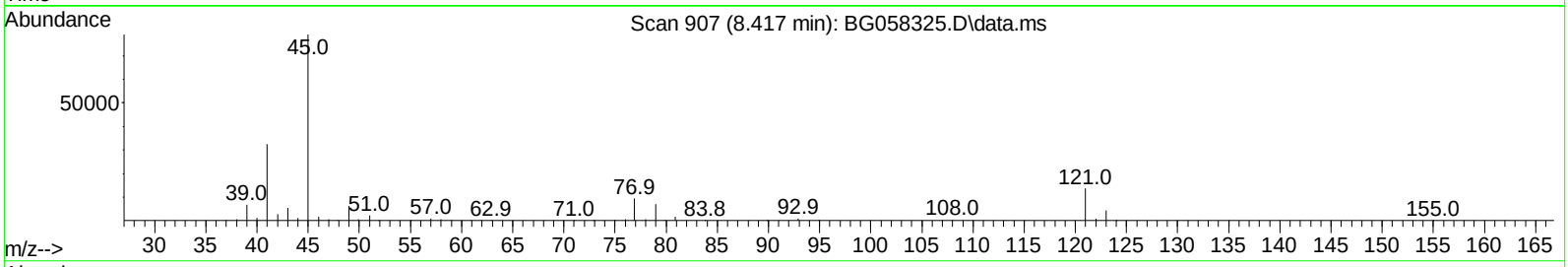
Quant Time: Jul 19 22:35:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

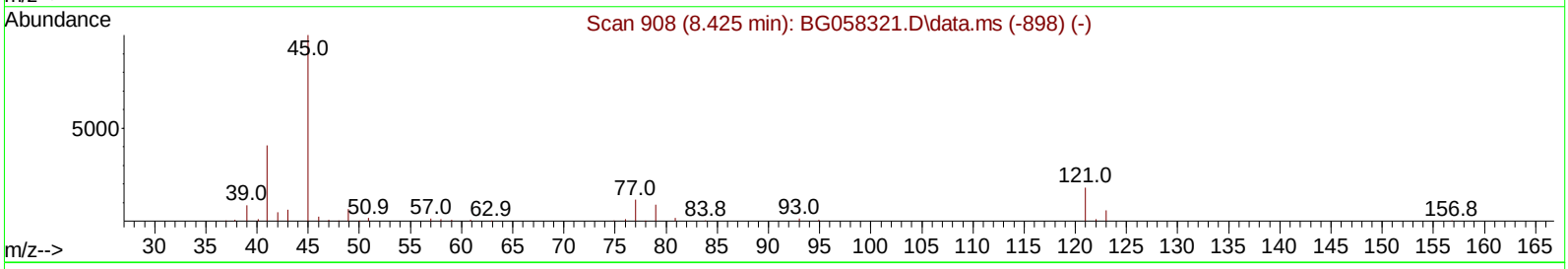
Instrument :
BNA_G
ClientSampleId :
SLCS065

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023







TIC: BG058325.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.417min (-0.011) 34.30 ng/ul

response 191273

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.80	12.00
79.00	9.30	8.99
0.00	0.00	0.00

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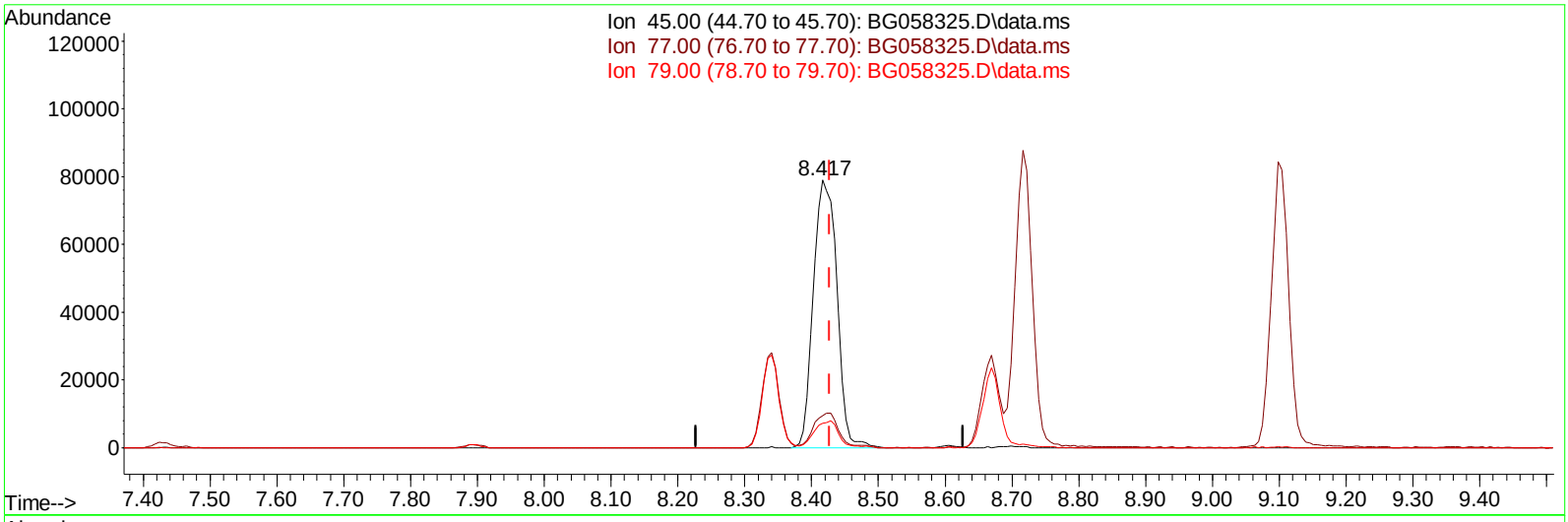

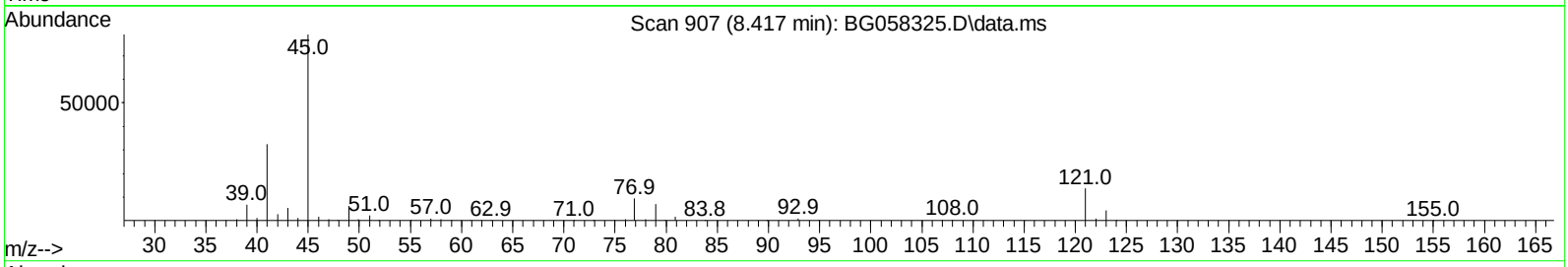

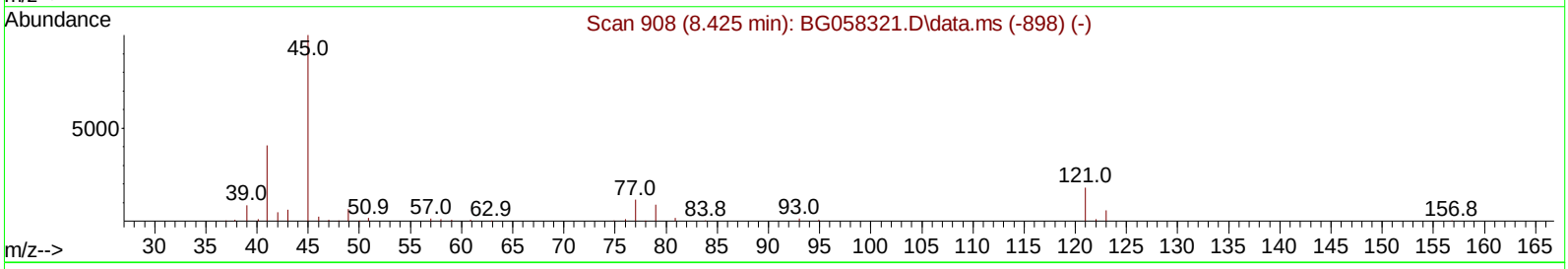

TIC: BG058325.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.417min (-0.011) 34.72 ng/ul m

response 193607

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	11.80	12.00
79.00	9.30	8.99
0.00	0.00	0.00

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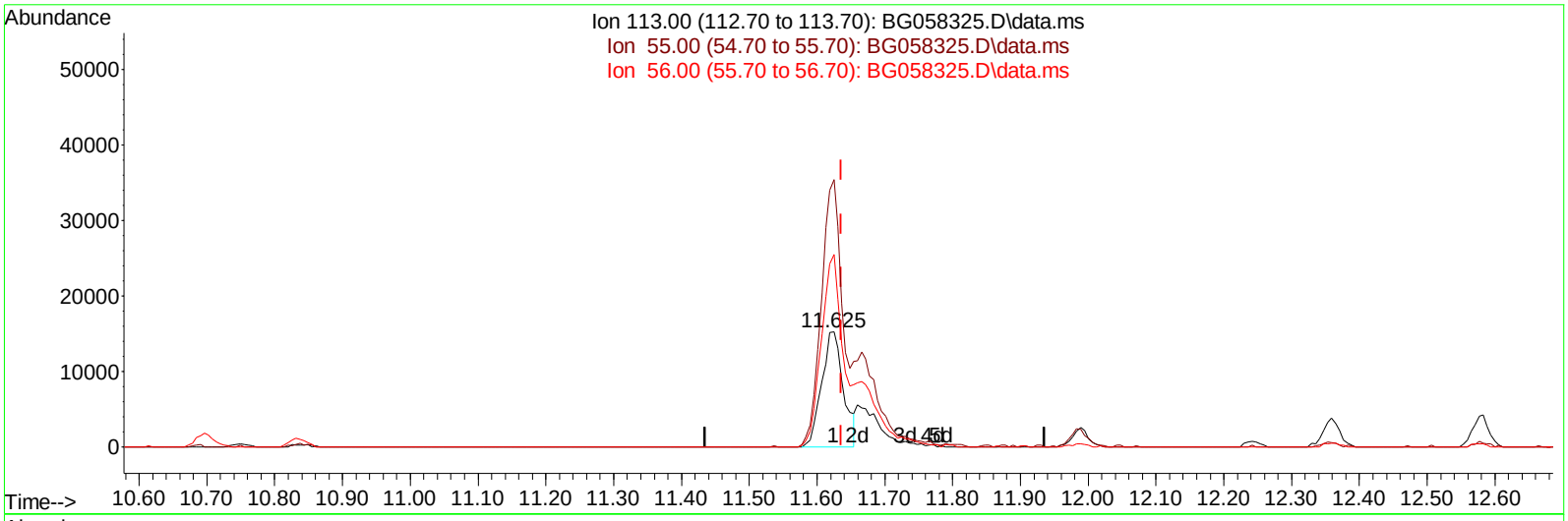

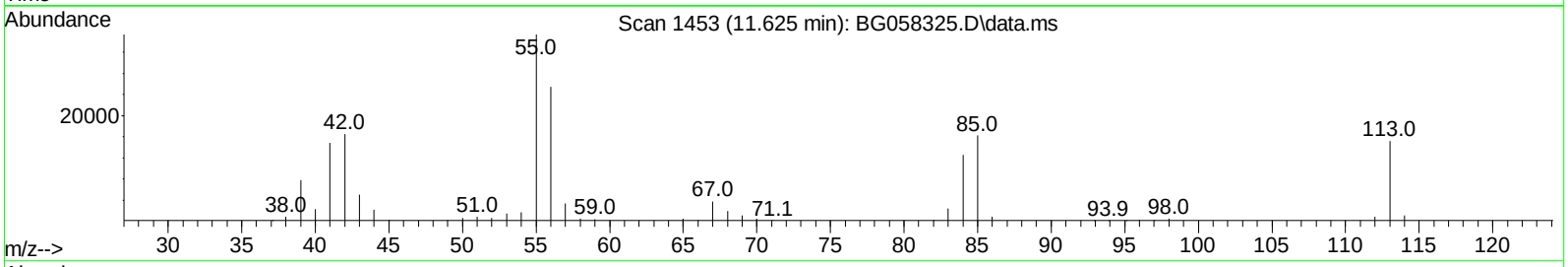

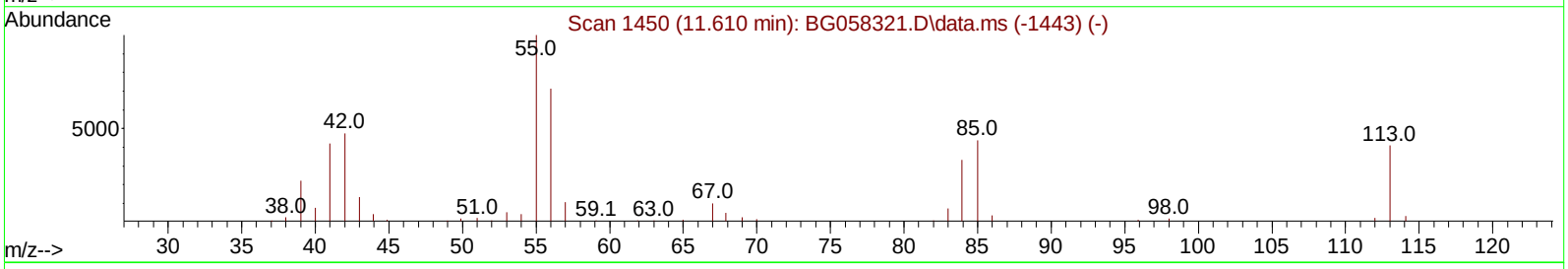

TIC: BG058325.D\data.ms

(34) Caprolactam

11.625min (-0.011) 25.61 ng/ul

response 34032

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	232.73
56.00	165.30	167.43
0.00	0.00	0.00

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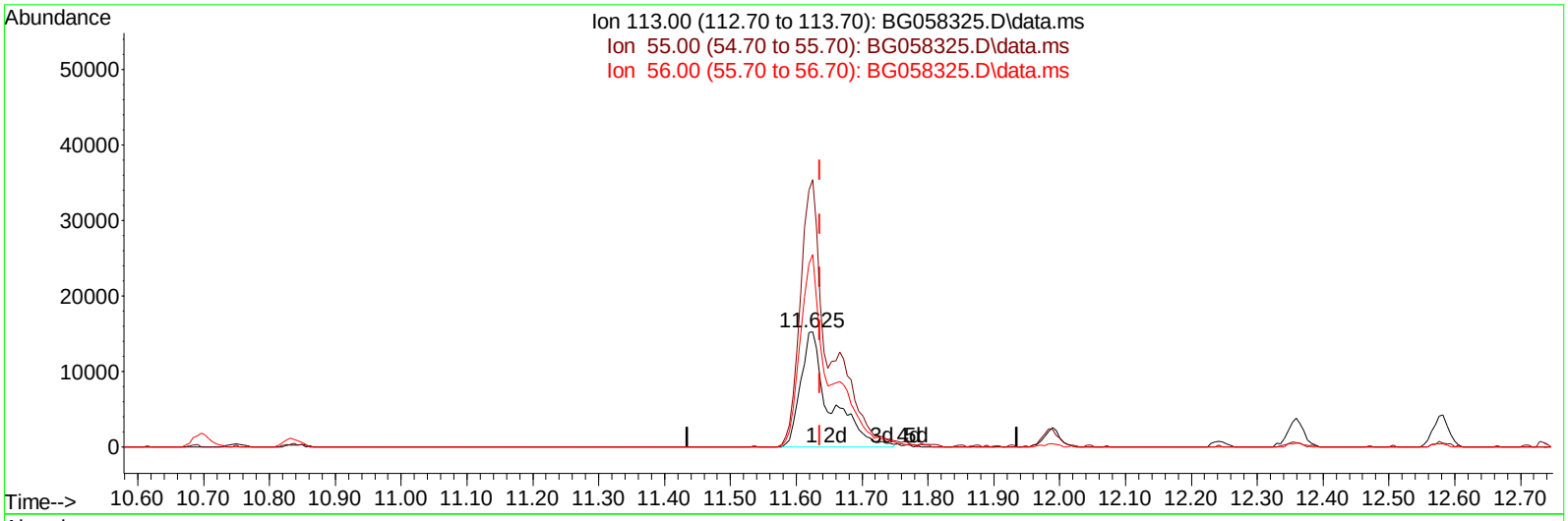

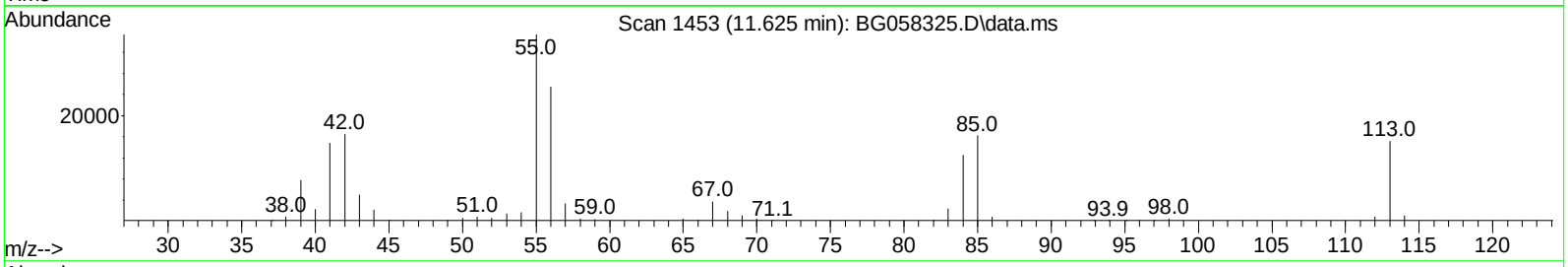

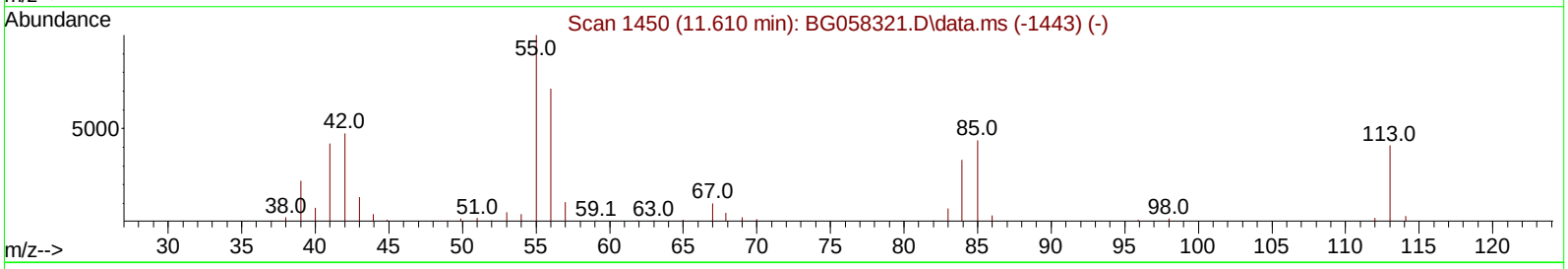

TIC: BG058325.D\data.ms

(34) Caprolactam

11.625min (-0.011) 35.48 ng/ul m

response 47150

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	232.73
56.00	165.30	167.43
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	7.894	152	45090	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	214893	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	157497	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	372322	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	300767	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	373680	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	7560	6.171	ng/uL	0.00
4) Pyridine-d5	3.746	84	112686	30.990	ng/ul	0.00
7) Phenol-d5	7.059	99	149967	35.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	84794	31.717	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	100469	33.555	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	111565	34.195	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	52904	32.844	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	59901	34.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	116299	34.500	ng/ul	0.00
31) 4-Chloroaniline-d4	10.837	131	154876	31.692	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	373943	30.790	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	423632	33.285	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	61497	33.529	ng/ul	0.00
60) Fluorene-d10	15.526	176	332237	33.042	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	63926	33.700	ng/ul	0.00
73) Anthracene-d10	17.383	188	530977	33.005	ng/ul	0.00
81) Pyrene-d10	19.668	212	606384	34.135	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	613491	33.968	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	20082	14.452	ng/uL	97
5) Pyridine	3.763	79	127001	33.073	ng/ul	97
6) Benzaldehyde	7.036	77	95534	55.304	ng/ul	98
8) Phenol	7.089	94	168057	37.834	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.318	93	120617	35.445	ng/ul	97
12) 2-Chlorophenol	7.459	128	113801	36.310	ng/ul	96
13) 2-Methylphenol	8.340	108	130139	37.590	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.417	45	193607m	34.718	ng/ul	
16) Acetophenone	8.716	105	201345	36.237	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	104984	34.523	ng/ul	95
18) 4-Methylphenol	8.669	108	142272	37.814	ng/ul	99
19) Hexachloroethane	8.975	117	43034	34.834	ng/ul	91
22) Nitrobenzene	9.098	77	154505	35.969	ng/ul	97
23) Isophorone	9.621	82	318806	33.104	ng/ul	99
25) 2-Nitrophenol	9.815	139	69994	37.264	ng/ul	93
26) 2,4-Dimethylphenol	9.868	107	143234	34.200	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	175767	34.462	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	119238	37.268	ng/ul	94
30) Naphthalene	10.749	128	399738	34.801	ng/ul	99
32) 4-Chloroaniline	10.861	127	170866	34.210	ng/ul	100
33) Hexachlorobutadiene	11.031	225	79350	34.684	ng/ul	97
34) Caprolactam	11.625	113	47150m	35.481	ng/ul	
35) 4-Chloro-3-methylphenol	11.989	107	156872	38.527	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	12.359	142	278947	36.248	ng/ul	99
37) 1-Methylnaphthalene	12.582	142	278397	35.298	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.729	216	164386	36.056	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	73140	29.827	ng/ul	99
41) 2,4,6-Trichlorophenol	12.970	196	116110	37.620	ng/ul	99
42) 2,4,5-Trichlorophenol	13.047	196	127556	38.758	ng/ul	97
43) 1,1'-Biphenyl	13.370	154	373944	35.112	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	305330	36.059	ng/ul	97
45) 2-Nitroaniline	13.616	65	114217	38.833	ng/ul	98
47) Dimethylphthalate	13.987	163	414856	34.007	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	91804	38.944	ng/ul	96
50) Acenaphthylene	14.257	152	495528	36.069	ng/ul	100
51) 3-Nitroaniline	14.445	138	86730	44.148	ng/ul	92
52) Acenaphthene	14.598	153	339720	35.615	ng/ul	99
53) 2,4-Dinitrophenol	14.650	184	42921	34.211	ng/ul	94
55) 4-Nitrophenol	14.756	109	52035	36.837	ng/ul	92
56) Dibenzofuran	14.933	168	486717	35.836	ng/ul	99
57) 2,4-Dinitrotoluene	14.903	165	130529	38.391	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.162	232	113719	37.399	ng/ul#	98
59) Diethylphthalate	15.350	149	433065	34.459	ng/ul	99
61) Fluorene	15.585	166	396683	35.615	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	209519	35.434	ng/ul	98
63) 4-Nitroaniline	15.608	138	84813	47.712	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.667	198	72727	37.265	ng/ul	95
67) N-Nitrosodiphenylamine	15.790	169	340012	36.841	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	147341	37.362	ng/ul	96
69) Hexachlorobenzene	16.584	284	165190	37.122	ng/ul	97
70) Atrazine	16.736	200	135017	37.313	ng/ul	98
71) Pentachlorophenol	16.930	266	82473	33.018	ng/ul	94
72) Phenanthrene	17.324	178	644868	36.446	ng/ul	98
74) Anthracene	17.418	178	640269	36.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	168453	36.070	ng/uL	97
76) Pentachlorobenzene	14.856	250	182372	35.710	ng/uL	97
77) Carbazole	17.682	167	590835	38.372	ng/ul	98
78) Di-n-butylphthalate	18.240	149	741284	37.887	ng/ul	99
80) Fluoranthene	19.333	202	758240	37.258	ng/ul	99
82) Pyrene	19.698	202	754924	36.611	ng/ul	99
83) Butylbenzylphthalate	20.579	149	319109	39.301	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.431	252	282588	42.089	ng/ul	98
85) Benzo(a)anthracene	21.513	228	744131	36.809	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.413	149	450442	39.003	ng/ul	99
87) Chrysene	21.578	228	725298	37.824	ng/ul	99
89) Di-n-octyl phthalate	22.588	149	786452	39.555	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	799002	36.955	ng/ul	99
91) Benzo(k)fluoranthene	23.740	252	768664	35.647	ng/ul	99
93) Benzo(a)pyrene	24.521	252	701140	36.460	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.240	276	950315	37.508	ng/ul	99
95) Dibenzo(a,h)anthracene	28.299	278	783294	37.701	ng/ul	98
96) Benzo(g,h,i)perylene	29.357	276	773900	37.490	ng/ul	98

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

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