Quantitation Report (Qedit)

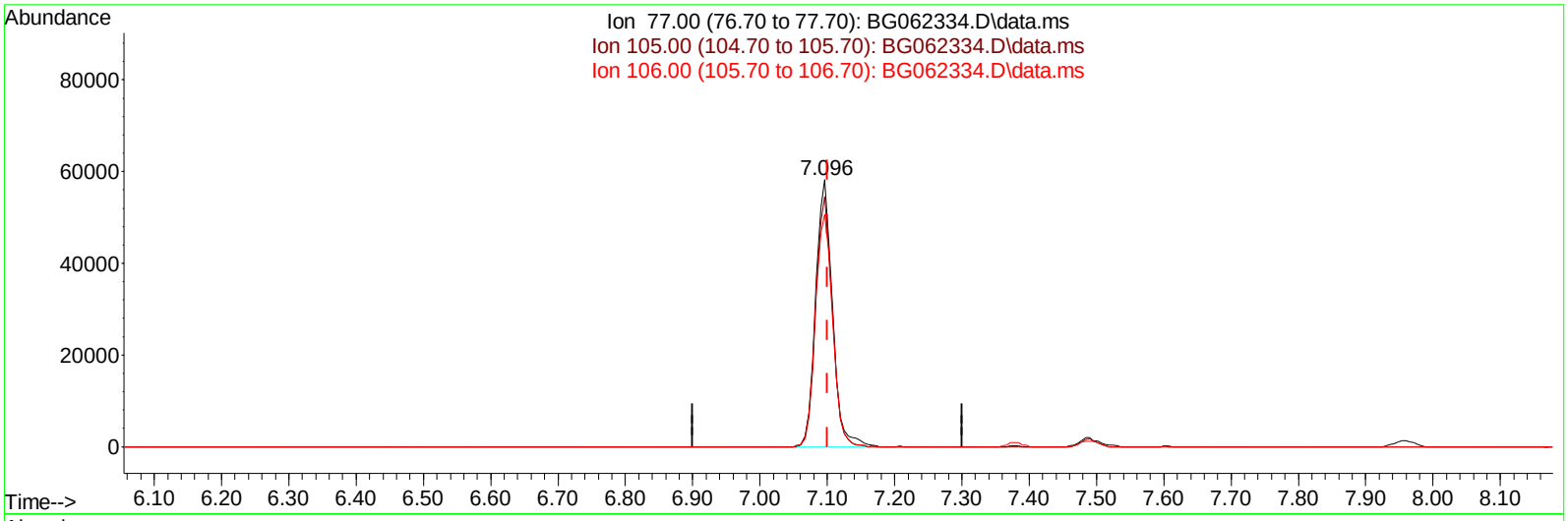
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062334.D
Acq On : 8 Aug 2024 18:11
Operator : MA/JU
Sample : PB162451BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

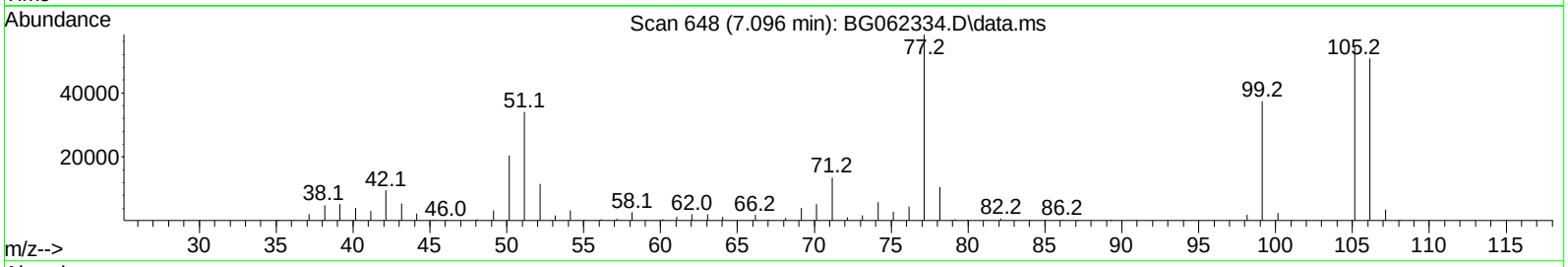
Quant Time: Aug 08 18:59:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:46:39 2024
Response via : Initial Calibration

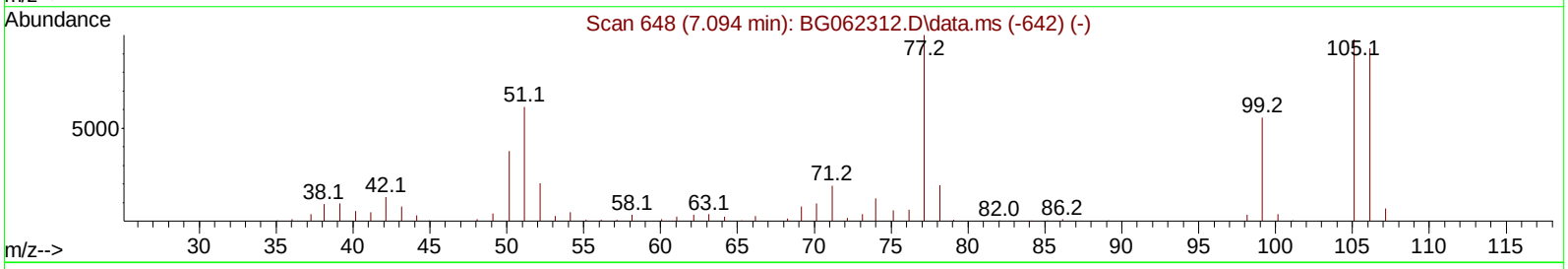
Instrument :
BNA_G
ClientSampleId :
SLCS451

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062334.D\data.ms

(6) Benzaldehyde

7.096min (-0.004) 25.84 ng/ul

response 100670

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.66
106.00	91.40	87.20
0.00	0.00	0.00

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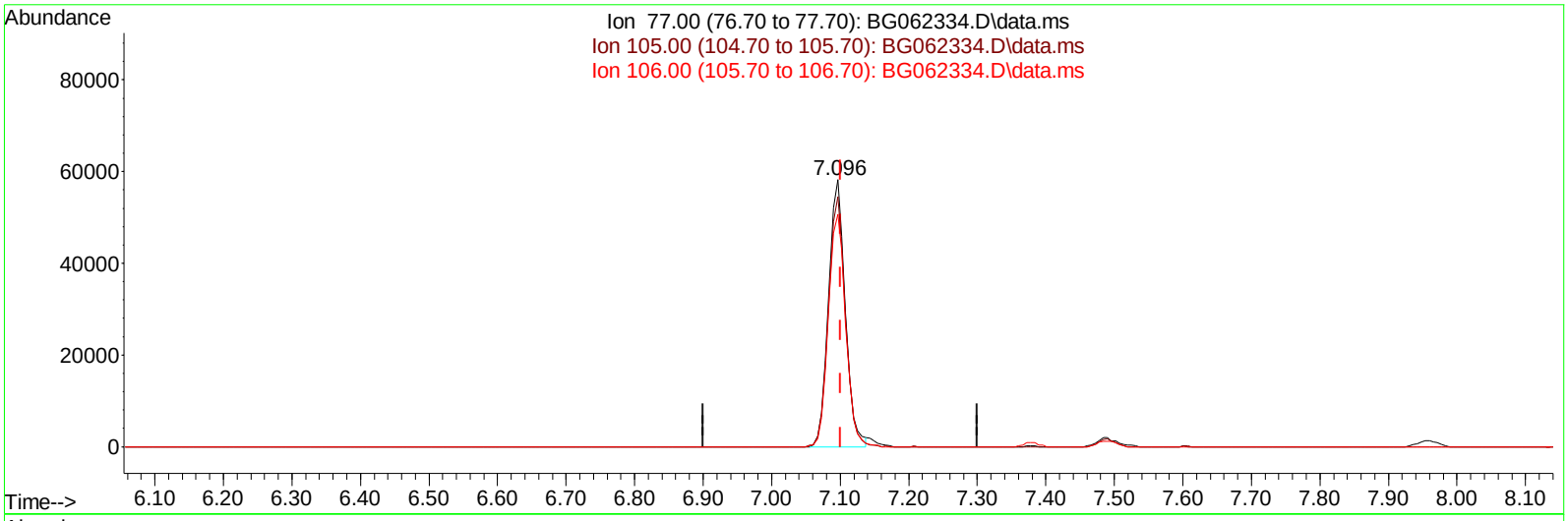

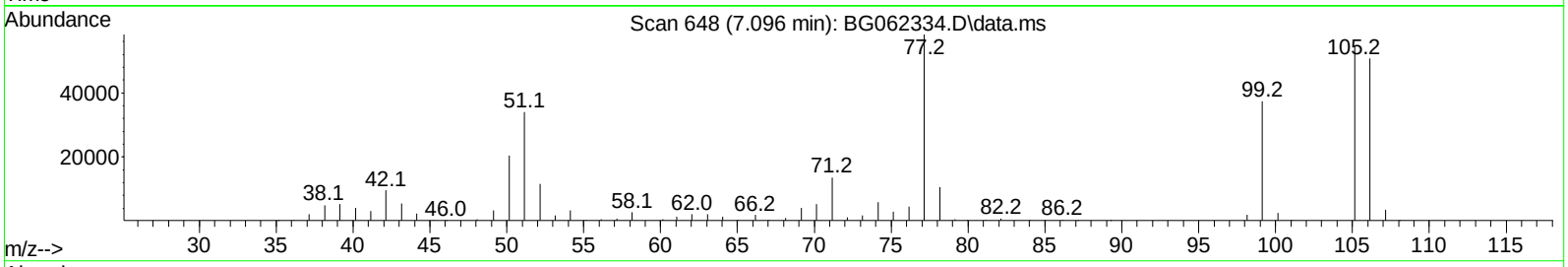

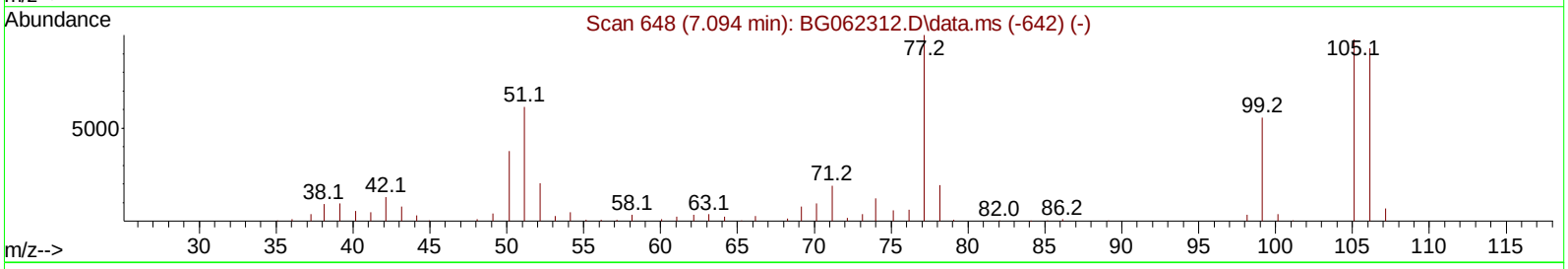

TIC: BG062334.D\data.ms

(6) Benzaldehyde

7.096min (-0.004) 25.39 ng/ul m

response 98923

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	93.66
106.00	91.40	87.20
0.00	0.00	0.00

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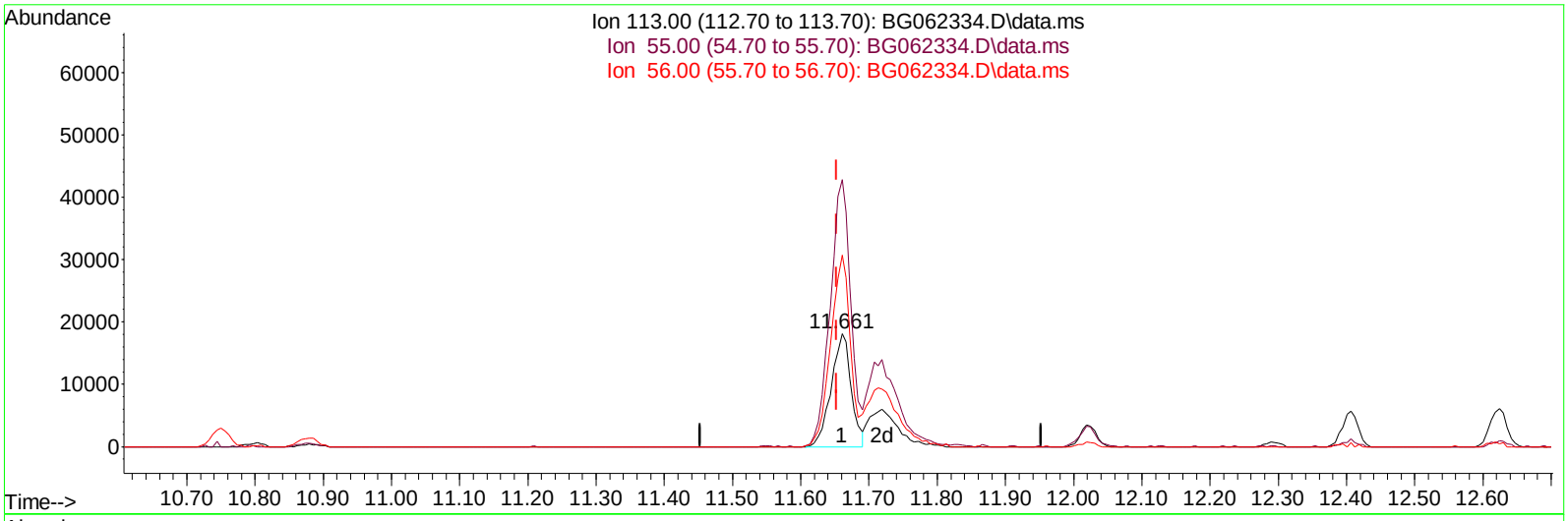

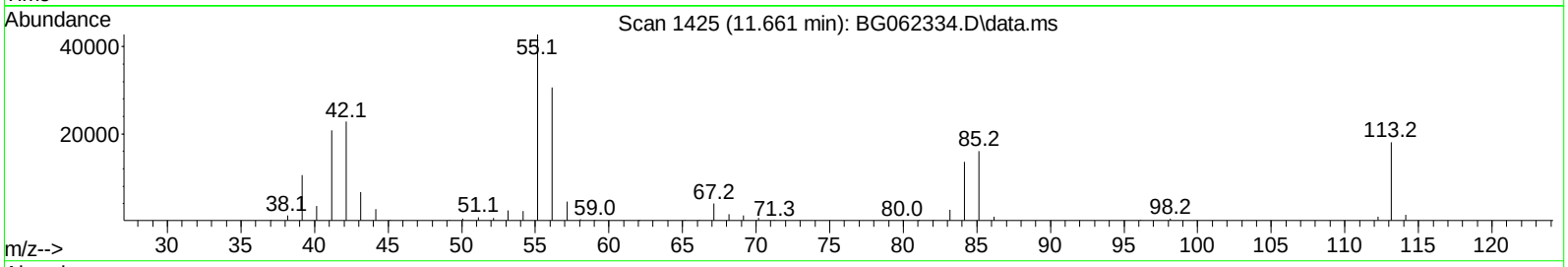

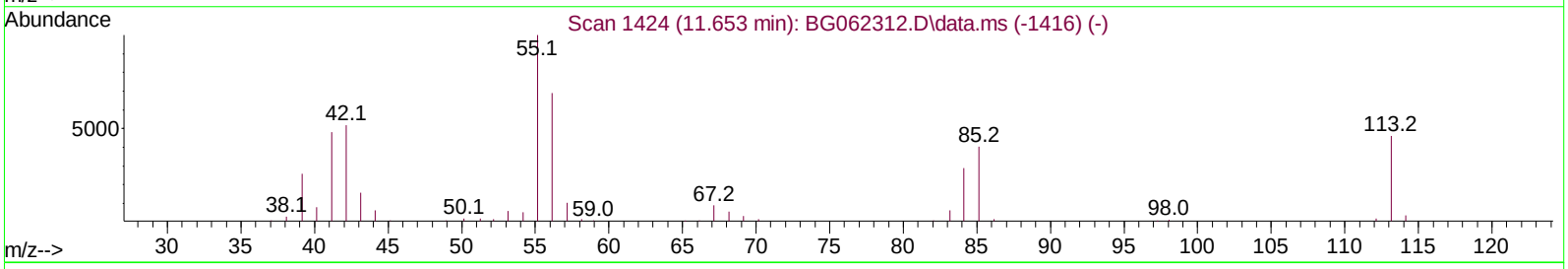

TIC: BG062334.D\data.ms

(34) Caprolactam

11.661min (+ 0.008) 17.19 ng/ul

response 36923

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	236.22
56.00	156.80	169.57
0.00	0.00	0.00

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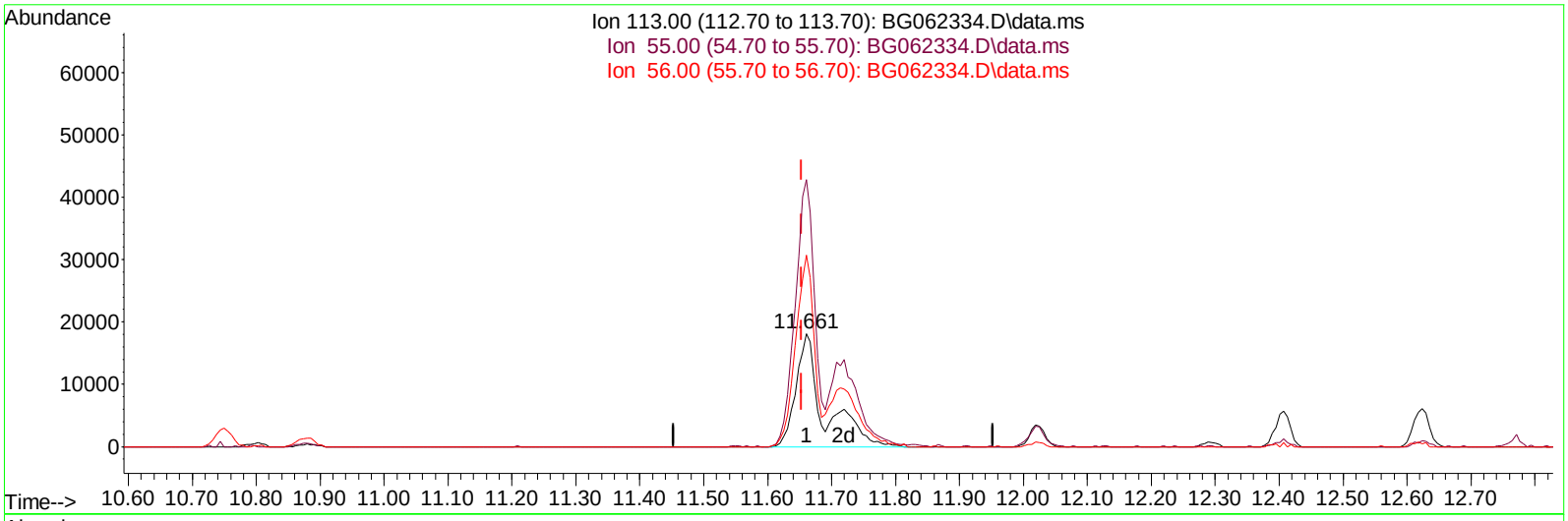

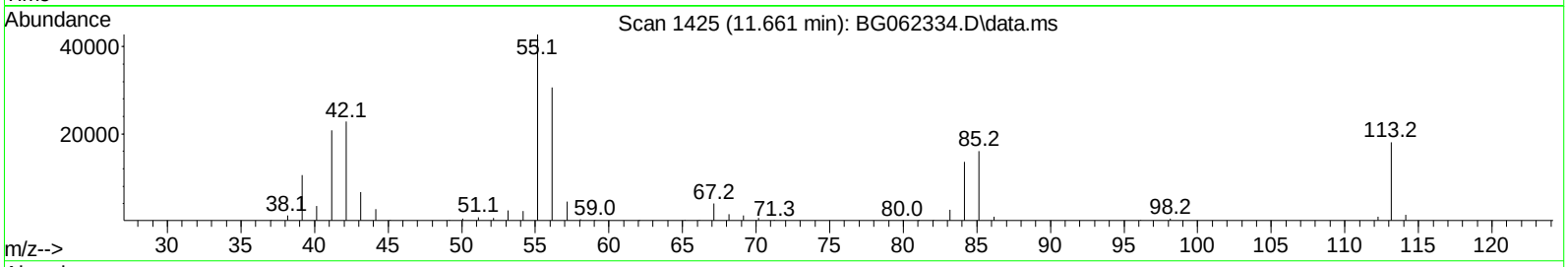

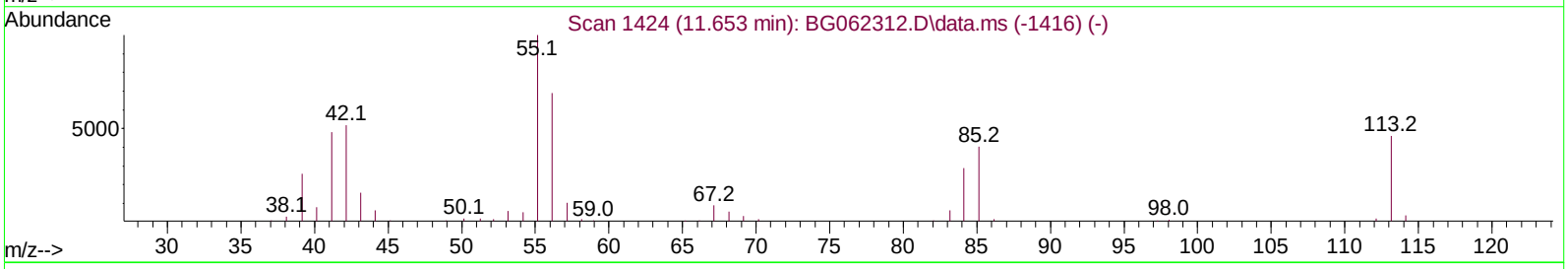

TIC: BG062334.D\data.ms

(34) Caprolactam

11.661min (+ 0.008) 25.51 ng/ul m

response 54808

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	236.22
56.00	156.80	169.57
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	7.960	152	77225	20.000	ng/ul	0.00
20) Naphthalene-d8	10.750	136	359675	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	275563	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.312	188	585075	20.000	ng/ul	0.00
79) Chrysene-d12	21.553	240	568158	20.000	ng/ul	0.00
88) Perylene-d12	24.643	264	641939	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	8546	4.772	ng/uL	0.00
4) Pyridine-d5	3.824	84	124918	22.171	ng/ul	0.00
7) Phenol-d5	7.114	99	193734	26.283	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	117222	25.835	ng/ul	0.00
11) 2-Chlorophenol-d4	7.490	132	137894	26.111	ng/ul	0.00
15) 4-Methylphenol-d8	8.659	113	157892	25.717	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	74105	33.413	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	82205	39.402	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	169273	27.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	207851	23.649	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	534731	25.151	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	609149	25.270	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	87803	29.499	ng/ul	0.00
60) Fluorene-d10	15.567	176	496472	26.016	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	82663	47.707	ng/ul	0.00
73) Anthracene-d10	17.412	188	720864	25.545	ng/ul	0.00
81) Pyrene-d10	19.691	212	891730	26.406	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.431	264	907705	26.451	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.454	88	17246	8.529	ng/uL#	78
5) Pyridine	3.848	79	135199	23.085	ng/ul	99
6) Benzaldehyde	7.096	77	98923m	25.395	ng/ul	
8) Phenol	7.137	94	206070	26.495	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.378	93	148236	25.718	ng/ul	97
12) 2-Chlorophenol	7.519	128	150667	26.853	ng/ul#	91
13) 2-Methylphenol	8.388	108	153932	26.248	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.482	45	307891	26.144	ng/ul	98
16) Acetophenone	8.776	105	248219	25.387	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.764	70	135201	26.020	ng/ul	97
18) 4-Methylphenol	8.717	108	170681	25.990	ng/ul	99
19) Hexachloroethane	9.041	117	56140	26.924	ng/ul	94
22) Nitrobenzene	9.152	77	196316	31.127	ng/ul	98
23) Isophorone	9.681	82	391717	25.818	ng/ul	100
25) 2-Nitrophenol	9.863	139	89648	35.425	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	141380	19.518	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.163	93	223644	26.138	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	168192	27.386	ng/ul	97
30) Naphthalene	10.803	128	532865	26.064	ng/ul	99
32) 4-Chloroaniline	10.903	127	189210	22.026	ng/ul	99
33) Hexachlorobutadiene	11.091	225	119997	25.816	ng/ul	98
34) Caprolactam	11.661	113	54808m	25.513	ng/ul	
35) 4-Chloro-3-methylphenol	12.019	107	194766	28.261	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	12.407	142	387222	27.492	ng/ul	98
37) 1-Methylnaphthalene	12.624	142	389679	26.703	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.771	216	251680	27.975	ng/ul	98
40) Hexachlorocyclopentadiene	12.759	237	91626	26.206	ng/ul	95
41) 2,4,6-Trichlorophenol	13.006	196	137228	26.299	ng/ul	99
42) 2,4,5-Trichlorophenol	13.076	196	154985	27.568	ng/ul	96
43) 1,1'-Biphenyl	13.411	154	555753	26.619	ng/ul	99
44) 2-Chloronaphthalene	13.452	162	430793	26.555	ng/ul	99
45) 2-Nitroaniline	13.646	65	140340	33.966	ng/ul	95
47) Dimethylphthalate	14.034	163	548170	25.701	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	107052	36.761	ng/ul	95
50) Acenaphthylene	14.298	152	690285	26.875	ng/ul	99
51) 3-Nitroaniline	14.468	138	106690	32.182	ng/ul#	96
52) Acenaphthene	14.639	153	482075	25.209	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	52224	45.101	ng/ul#	80
55) 4-Nitrophenol	14.774	109	76087	28.578	ng/ul	97
56) Dibenzofuran	14.974	168	689242	26.090	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	154625	38.707	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.197	232	122913	24.279	ng/ul	99
59) Diethylphthalate	15.403	149	542796	25.203	ng/ul	98
61) Fluorene	15.620	166	529633	25.640	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.620	204	275268	25.847	ng/ul	97
63) 4-Nitroaniline	15.632	138	110607	34.619	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.690	198	92232	46.197	ng/ul	100
67) N-Nitrosodiphenylamine	15.825	169	475528	27.123	ng/ul	99
68) 4-Bromophenyl-phenylether	16.507	248	189886	28.485	ng/ul	98
69) Hexachlorobenzene	16.624	284	213332	27.510	ng/ul	98
70) Atrazine	16.771	200	14848	2.211	ng/ul	98
71) Pentachlorophenol	16.959	266	98545	24.134	ng/ul	99
72) Phenanthrene	17.359	178	876447	26.615	ng/ul	100
74) Anthracene	17.447	178	867921	25.680	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.376	216	252046	28.764	ng/ul	100
76) Pentachlorobenzene	14.897	250	242976	26.505	ng/ul	95
77) Carbazole	17.711	167	739682	26.686	ng/ul	99
78) Di-n-butylphthalate	18.287	149	899873	27.284	ng/ul	100
80) Fluoranthene	19.362	202	1027750	26.916	ng/ul	99
82) Pyrene	19.726	202	1070259	26.320	ng/ul	100
83) Butylbenzylphthalate	20.619	149	401221	28.589	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.453	252	374835	29.309	ng/ul	100
85) Benzo(a)anthracene	21.535	228	1120791	26.936	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.471	149	587915	27.143	ng/ul	97
87) Chrysene	21.600	228	1060701	27.004	ng/ul	99
89) Di-n-octyl phthalate	22.646	149	1025674	28.049	ng/ul	100
90) Benzo(b)fluoranthene	23.668	252	1078553	27.621	ng/ul	99
91) Benzo(k)fluoranthene	23.732	252	1096551	27.602	ng/ul	99
93) Benzo(a)pyrene	24.502	252	976423	26.427	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.126	276	1306802	27.293	ng/ul	97
95) Dibenzo(a,h)anthracene	28.197	278	1085827	27.765	ng/ul	99
96) Benzo(g,h,i)perylene	29.219	276	1012531	27.848	ng/ul	97

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

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