Quantitation Report (Qedit)

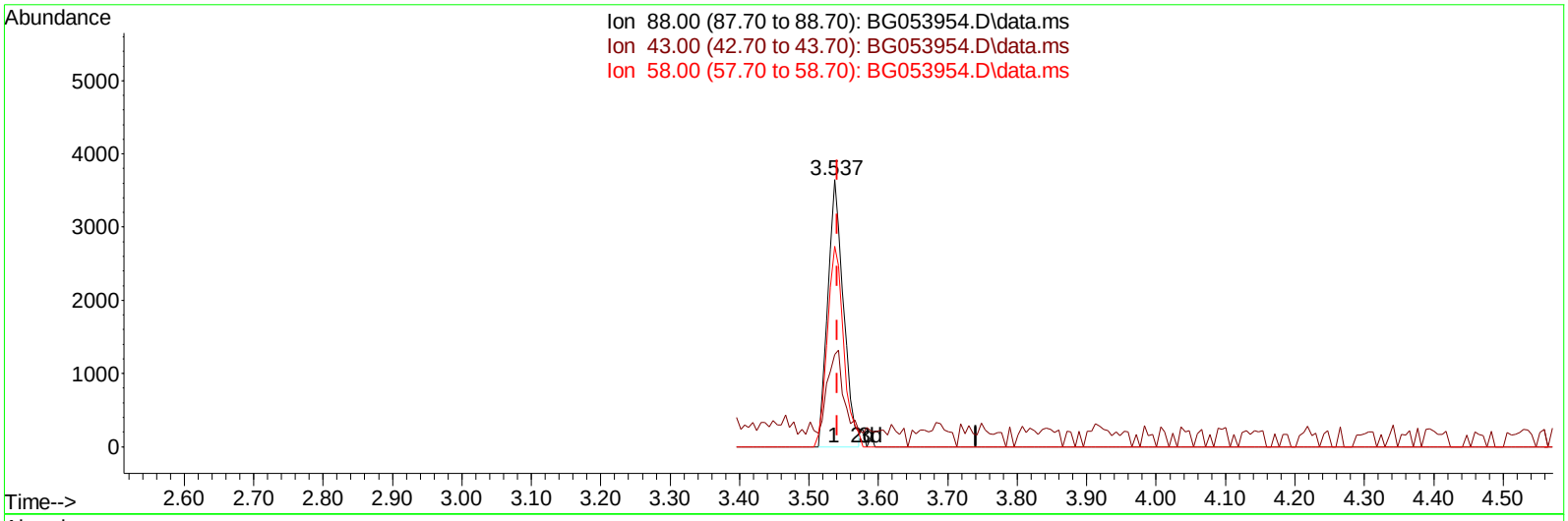
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053954.D
Acq On : 20 Jun 2022 18:39
Operator : CG/JU
Sample : PB145635BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

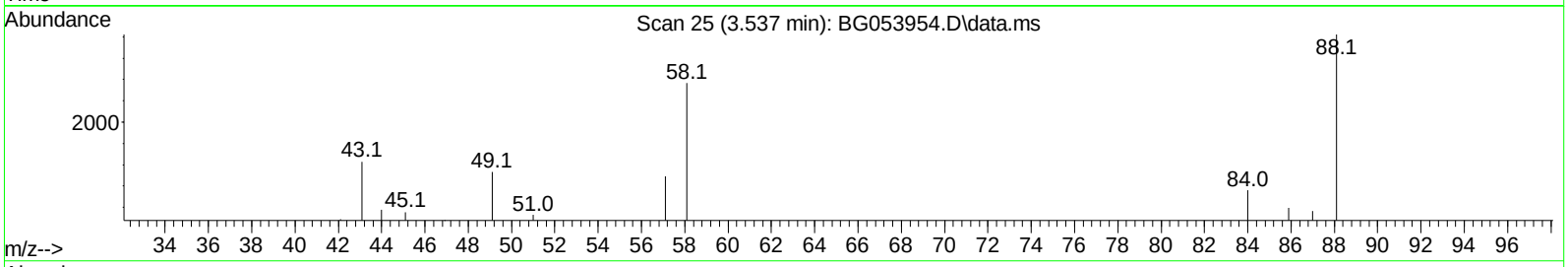
Quant Time: Jun 20 23:58:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

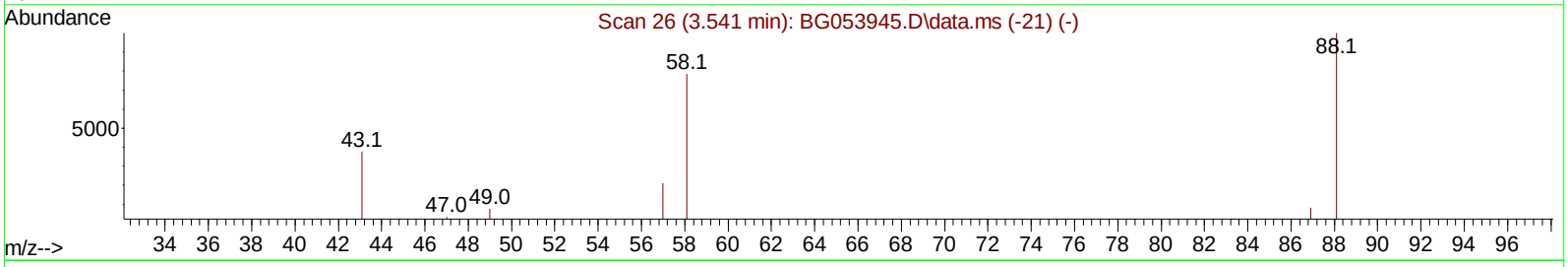
Instrument :
BNA_G
ClientSampleId :
SLCS635

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022







TIC: BG053954.D\data.ms

(2) 1,4-Dioxane

3.537min (-0.004) 12.30 ng/uL

response 5782

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	60.10	34.53#
58.00	74.70	74.99
0.00	0.00	0.00

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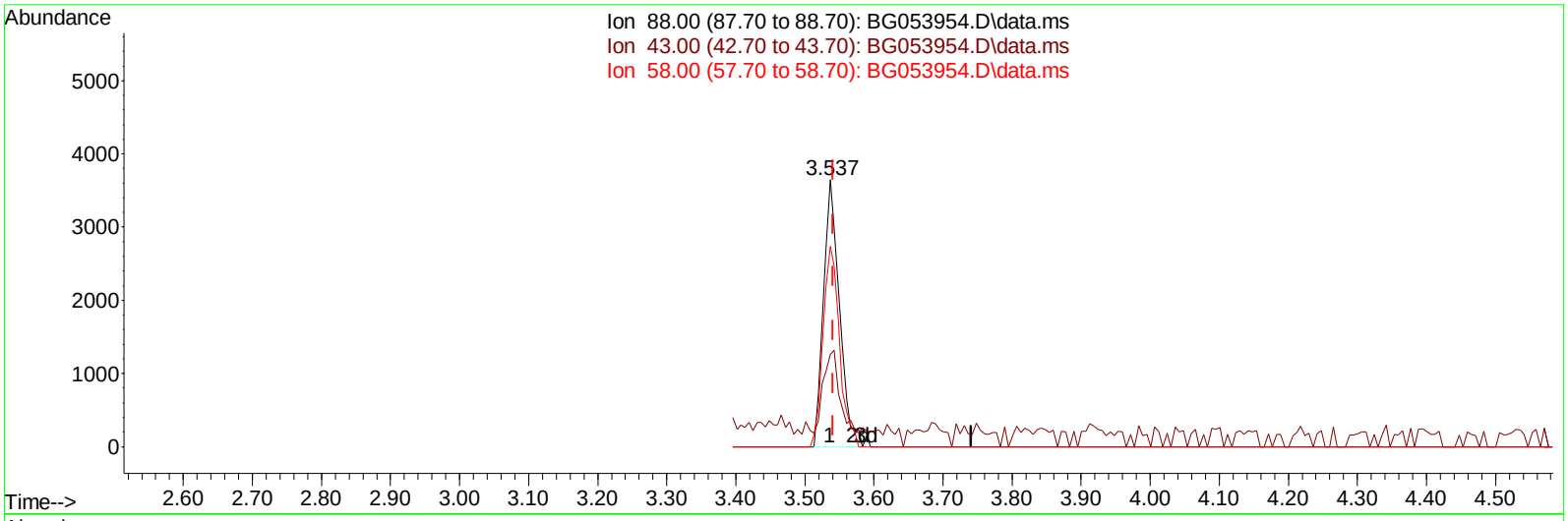

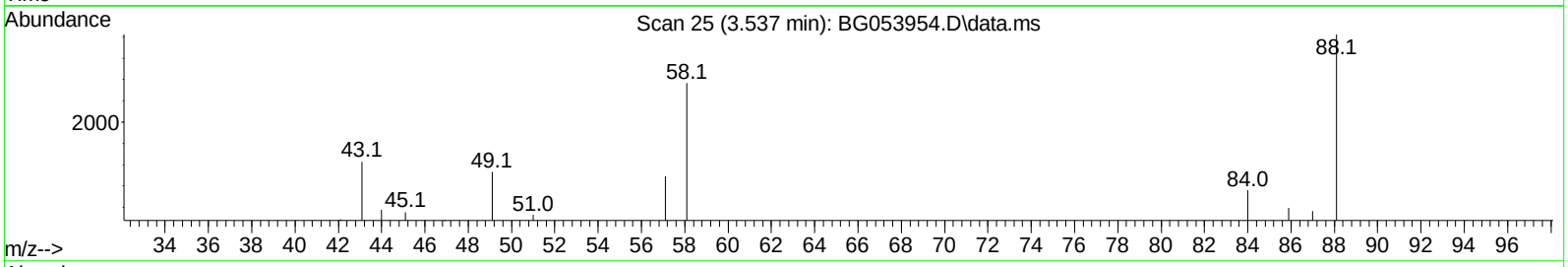

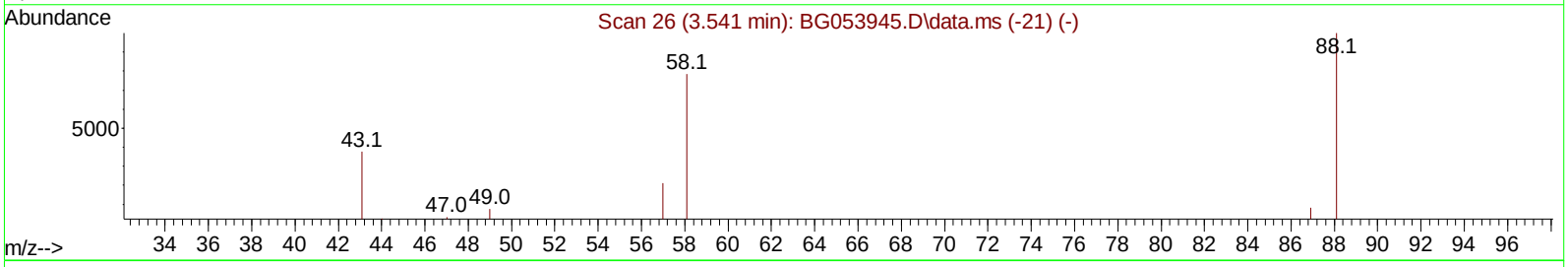

TIC: BG053954.D\data.ms

(2) 1,4-Dioxane

3.537min (-0.004) 12.47 ng/uL m

response 5864

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	60.10	34.53#
58.00	74.70	74.99
0.00	0.00	0.00

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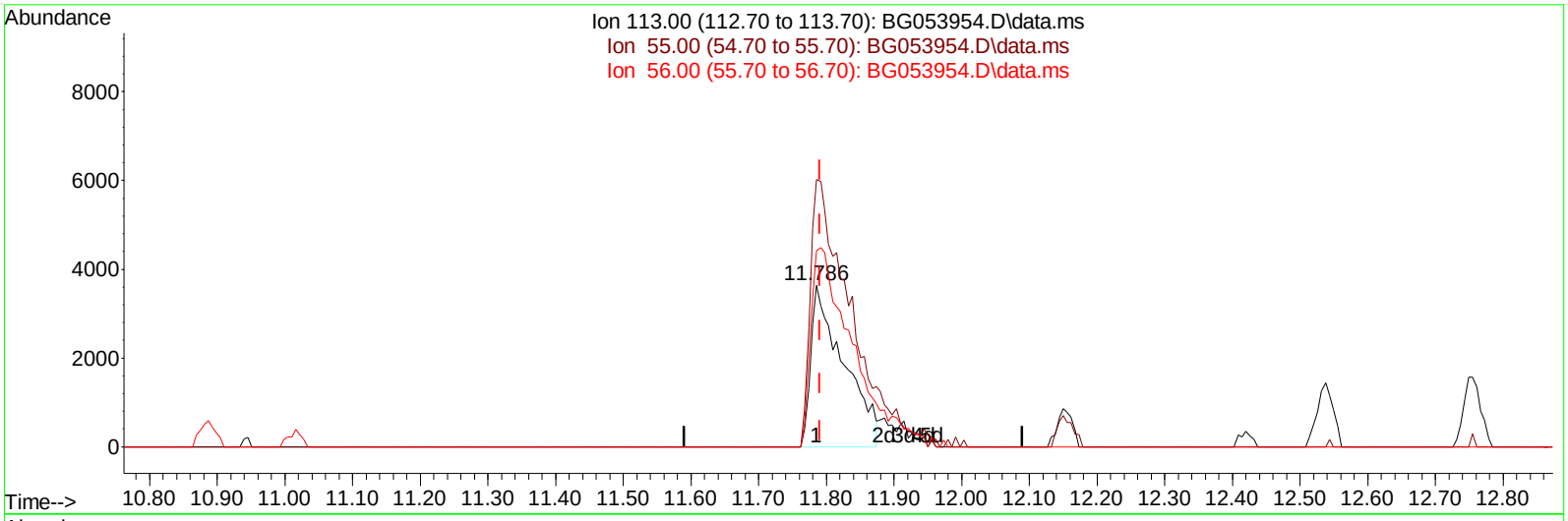

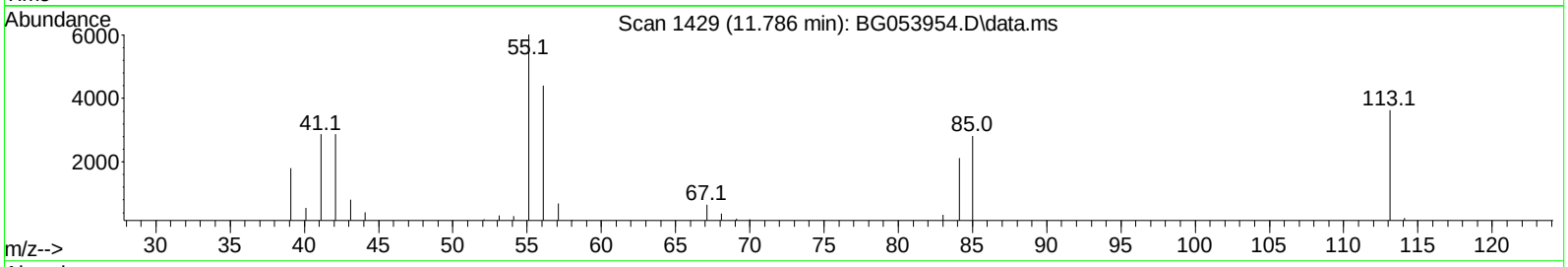

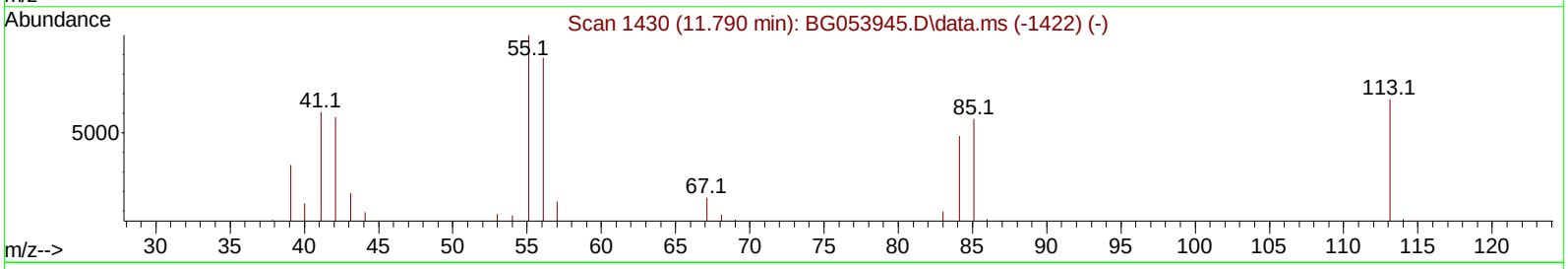

TIC: BG053954.D\data.ms

(34) Caprolactam

11.786min (-0.005) 29.16 ng/ul

response 12253

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	165.27#
56.00	159.50	121.32#
0.00	0.00	0.00

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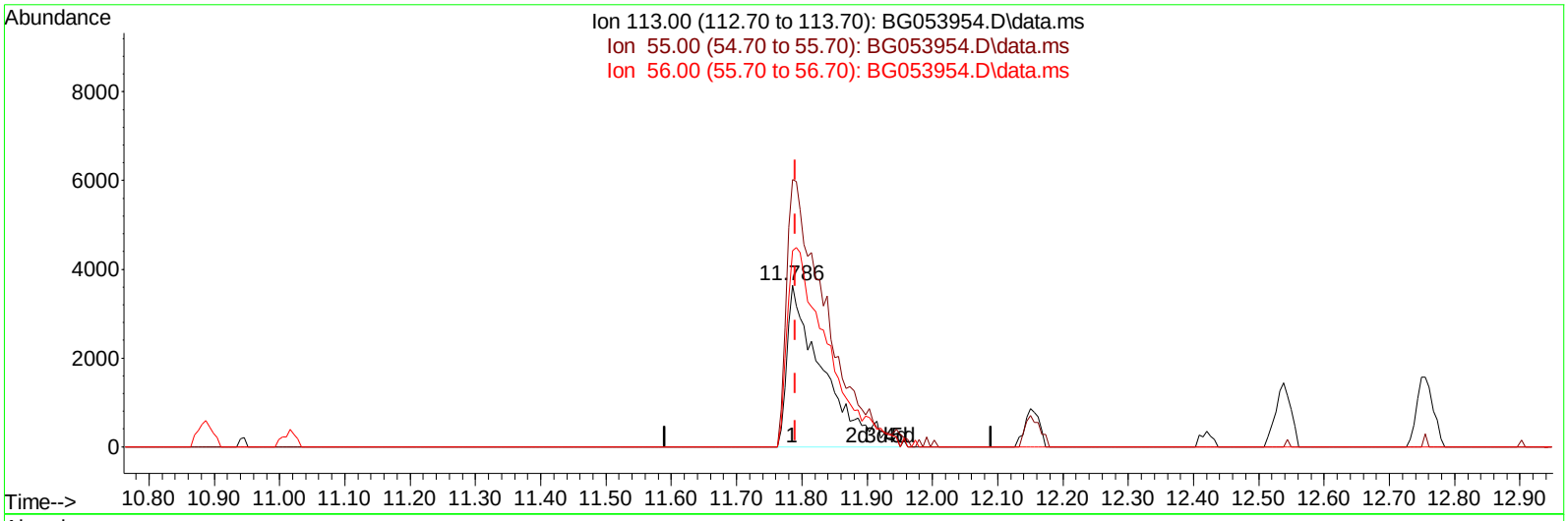

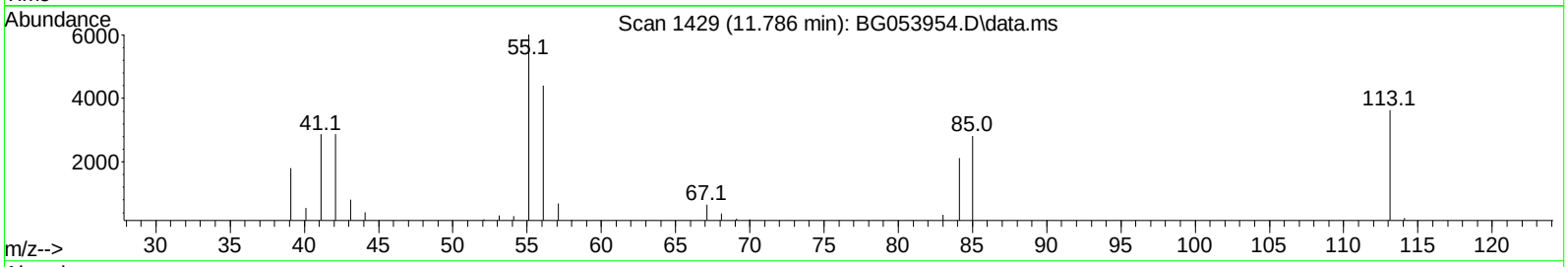

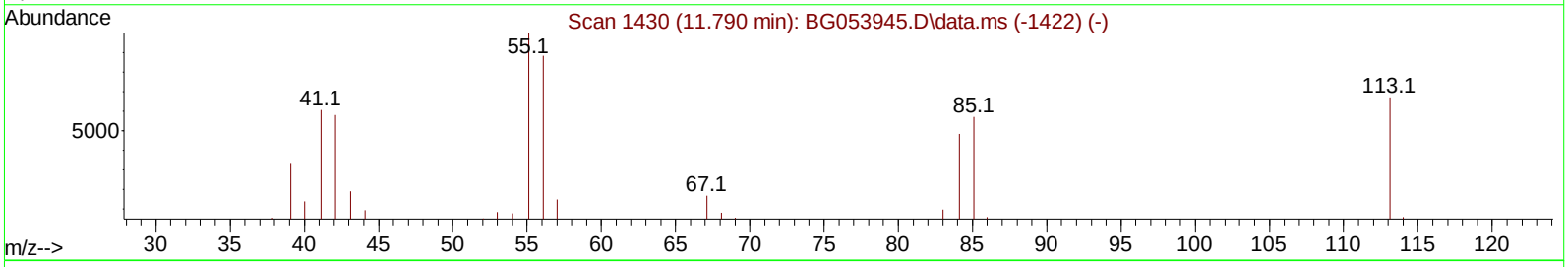

TIC: BG053954.D\data.ms

(34) Caprolactam

11.786min (-0.005) 33.08 ng/ul m

response 13901

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	165.27#
56.00	159.50	121.32#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	20497	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	80694	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.700	164	62234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	165373	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.721	240	185487	20.000	ng/ul	# 0.00
88) Perylene-d12	24.976	264	194808	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.501	96	2703	6.274	ng/uL	0.00
4) Pyridine-d5	3.913	84	36851	31.451	ng/ul	0.00
7) Phenol-d5	7.232	99	45804	31.193	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	28216	31.854	ng/ul	0.00
11) 2-Chlorophenol-d4	7.608	132	38476	32.858	ng/ul	0.00
15) 4-Methylphenol-d8	8.777	113	39746	31.745	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	19324	32.263	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	21102	33.159	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	47001	33.381	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	53057	29.828	ng/ul	0.00
46) Dimethylphthalate-d6	14.101	166	161393	32.965	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	168194	31.593	ng/ul	0.00
54) 4-Nitrophenol-d4	14.882	143	22346	33.334	ng/ul	0.00
60) Fluorene-d10	15.693	176	140367	31.918	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	29677	32.897	ng/ul	0.00
73) Anthracene-d10	17.544	188	239190	32.027	ng/ul	0.00
81) Pyrene-d10	19.829	212	320708	33.161	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.759	264	324089	32.958	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.537	88	5864m	12.474	ng/uL	
5) Pyridine	3.930	79	36671	30.178	ng/ul	95
6) Benzaldehyde	7.215	77	35332	47.250	ng/ul	95
8) Phenol	7.256	94	49968	32.612	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.491	93	37055	31.927	ng/ul	91
12) 2-Chlorophenol	7.644	128	39080	32.688	ng/ul	95
13) 2-Methylphenol	8.513	108	38333	32.230	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.607	45	55662	32.287	ng/ul	99
16) Acetophenone	8.901	105	62066	32.053	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.883	70	31066	31.472	ng/ul	99
18) 4-Methylphenol	8.842	108	40995	32.220	ng/ul	97
19) Hexachloroethane	9.165	117	16489	32.547	ng/ul	95
22) Nitrobenzene	9.277	77	47768	33.483	ng/ul	92
23) Isophorone	9.806	82	89857	32.485	ng/ul	99
25) 2-Nitrophenol	9.994	139	23081	34.588	ng/ul	95
26) 2,4-Dimethylphenol	10.047	107	46530	31.932	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.282	93	51307	32.949	ng/ul	100
29) 2,4-Dichlorophenol	10.528	162	45277	32.156	ng/ul	91
30) Naphthalene	10.940	128	129060	32.242	ng/ul	99
32) 4-Chloroaniline	11.040	127	53539	30.353	ng/ul	99
33) Hexachlorobutadiene	11.228	225	43712	31.783	ng/ul	99
34) Caprolactam	11.786	113	13901m	33.083	ng/ul	
35) 4-Chloro-3-methylphenol	12.156	107	44118	32.582	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.538	142	92826	31.348	ng/ul	94
37) 1-Methylnaphthalene	12.755	142	94736	32.080	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.908	216	81500	32.218	ng/ul#	97
40) Hexachlorocyclopentadiene	12.890	237	46676	32.900	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.137	196	44028	33.535	ng/ul	93
42) 2,4,5-Trichlorophenol	13.208	196	47544	32.032	ng/ul	99
43) 1,1'-Biphenyl	13.537	154	137608	31.902	ng/ul	99
44) 2-Chloronaphthalene	13.584	162	113288	31.627	ng/ul	99
45) 2-Nitroaniline	13.778	65	31095	34.506	ng/ul	94
47) Dimethylphthalate	14.148	163	155060	32.952	ng/ul	99
48) 2,6-Dinitrotoluene	14.265	165	33356	35.245	ng/ul	92
50) Acenaphthylene	14.424	152	172871	31.624	ng/ul	99
51) 3-Nitroaniline	14.594	138	29775	38.756	ng/ul#	90
52) Acenaphthene	14.765	153	118284	32.404	ng/ul	99
53) 2,4-Dinitrophenol	14.806	184	13346	30.440	ng/ul#	63
55) 4-Nitrophenol	14.894	109	21351	32.491	ng/ul	88
56) Dibenzofuran	15.100	168	178752	32.004	ng/ul	97
57) 2,4-Dinitrotoluene	15.053	165	47487	34.591	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.323	232	45873	35.568	ng/ul#	91
59) Diethylphthalate	15.511	149	152883	33.135	ng/ul	98
61) Fluorene	15.746	166	147757	32.481	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.740	204	93081	32.181	ng/ul	91
63) 4-Nitroaniline	15.758	138	29578	40.039	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.816	198	27767	32.065	ng/ul	99
67) N-Nitrosodiphenylamine	15.946	169	133591	33.043	ng/ul	95
68) 4-Bromophenyl-phenylether	16.633	248	68810	33.498	ng/ul	94
69) Hexachlorobenzene	16.756	284	79748	33.124	ng/ul#	92
70) Atrazine	16.892	200	66040	33.256	ng/ul	96
71) Pentachlorophenol	17.097	266	31684	31.049	ng/ul#	92
72) Phenanthrene	17.485	178	269983	32.953	ng/ul	97
74) Anthracene	17.579	178	268619	32.532	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.507	216	87854	31.191	ng/uL	96
76) Pentachlorobenzene	15.023	250	85243	32.905	ng/uL	92
77) Carbazole	17.843	167	227650	33.440	ng/ul	99
78) Di-n-butylphthalate	18.402	149	263563	34.005	ng/ul	99
80) Fluoranthene	19.494	202	359558	33.304	ng/ul#	93
82) Pyrene	19.859	202	355628	33.131	ng/ul#	94
83) Butylbenzylphthalate	20.740	149	113162	34.983	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.615	252	142079	37.014	ng/ul#	95
85) Benzo(a)anthracene	21.704	228	380981	33.323	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	161833	34.237	ng/ul#	97
87) Chrysene	21.768	228	358622	32.696	ng/ul	99
89) Di-n-octyl phthalate	22.837	149	280016	33.469	ng/ul	100
90) Benzo(b)fluoranthene	23.948	252	399126	33.180	ng/ul#	98
91) Benzo(k)fluoranthene	24.018	252	390937	33.941	ng/ul#	98
93) Benzo(a)pyrene	24.829	252	364674	31.472	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.713	276	482315	34.597	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.778	278	398917	34.001	ng/ul#	94
96) Benzo(g,h,i)perylene	29.865	276	392768	33.368	ng/ul#	95

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

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