Quantitation Report (Qedit)

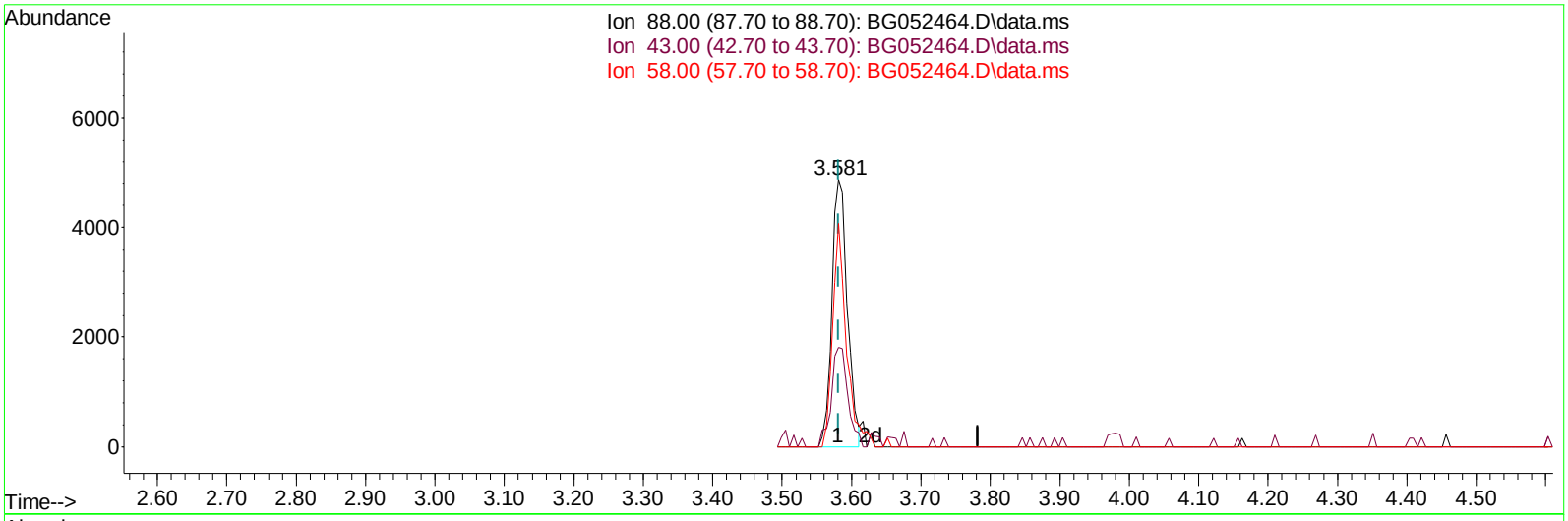
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052464.D
Acq On : 23 Feb 2022 15:04
Operator : CG/JU
Sample : PB142851BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

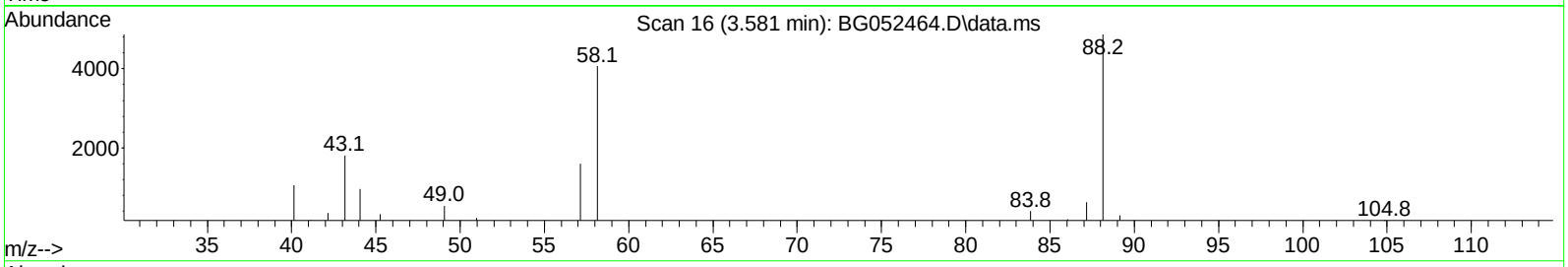
Quant Time: Feb 23 16:23:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

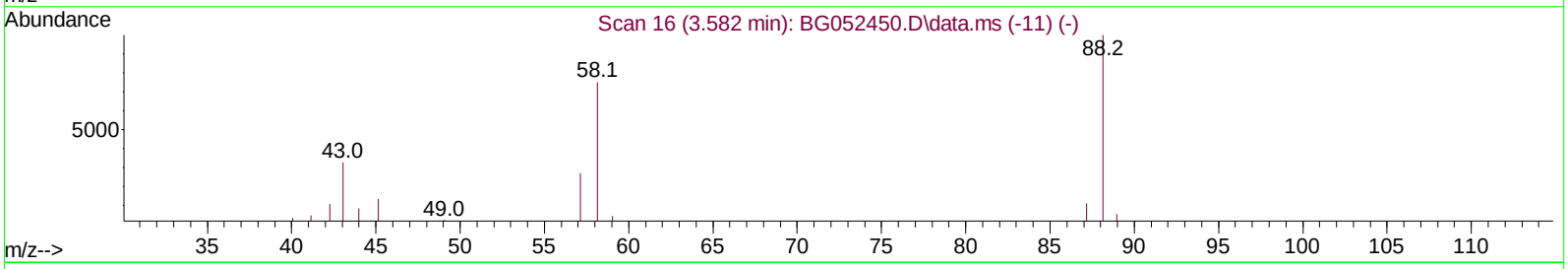
Instrument :
BNA_G
ClientSampleId :
SLCS851

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
Supervised By :Yogesh Patel 02/24/2022







TIC: BG052464.D\data.ms

(2) 1,4-Dioxane

3.581min (-0.001) 9.65 ng/uL

response 7670

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	37.15#
58.00	78.00	83.55
0.00	0.00	0.00

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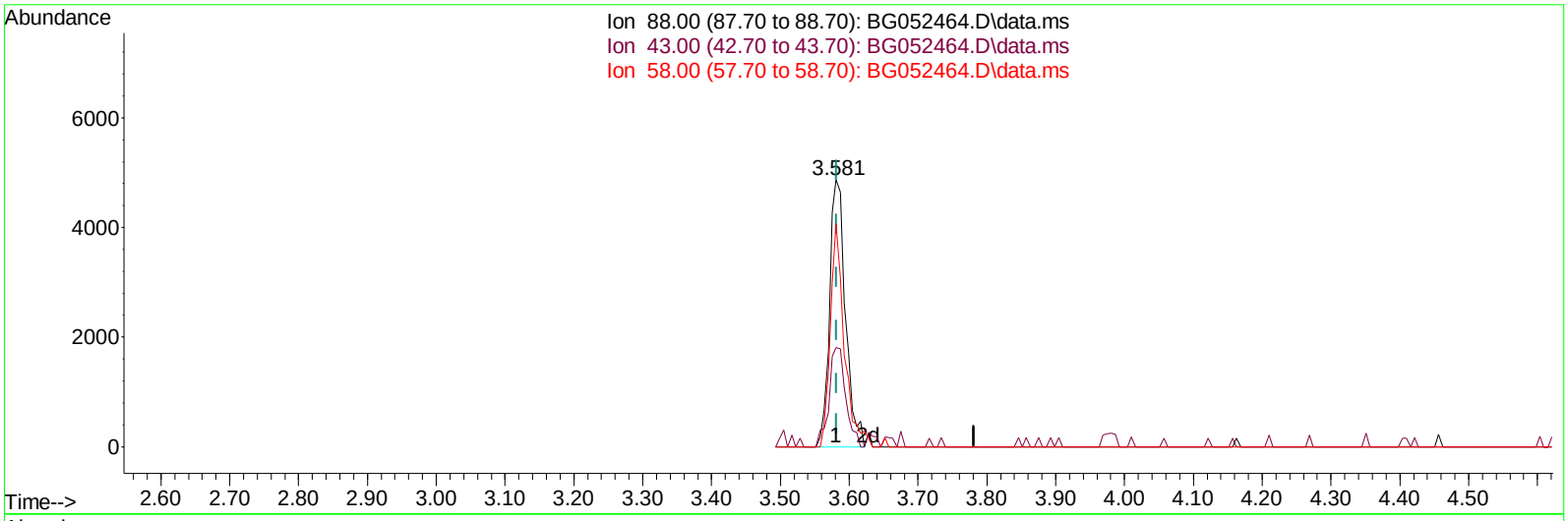

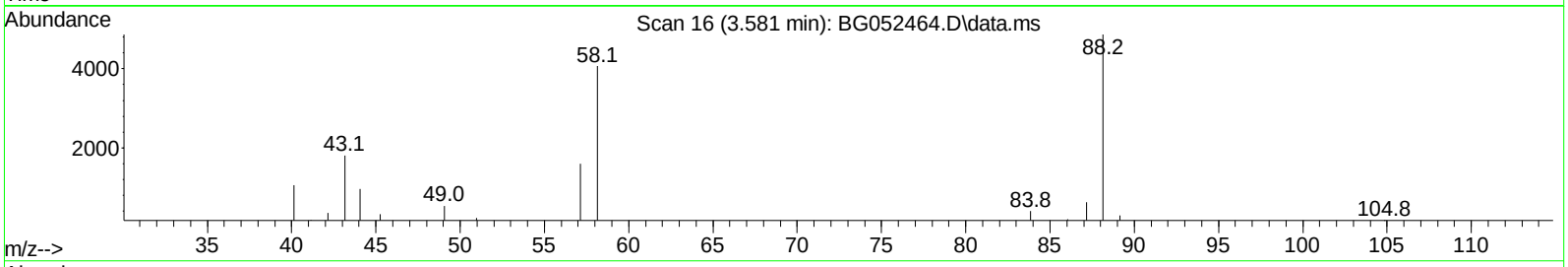

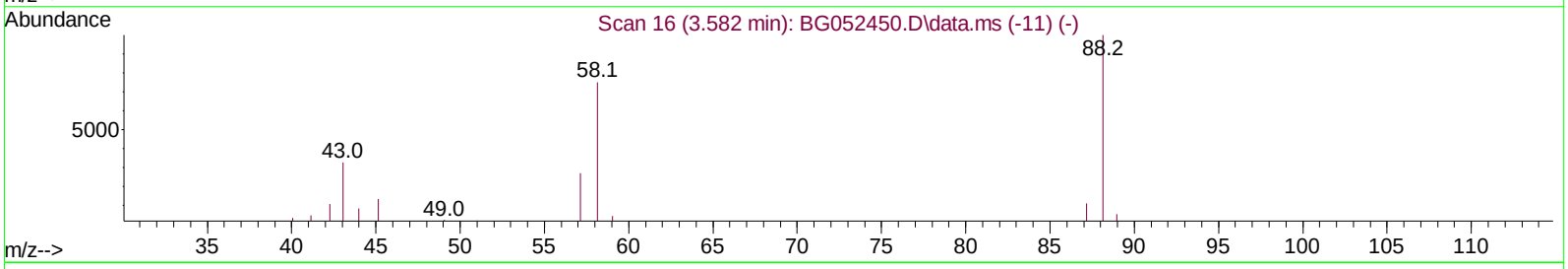

TIC: BG052464.D\data.ms

(2) 1,4-Dioxane

3.581min (-0.001) 9.86 ng/uL m

response 7834

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.70	37.15#
58.00	78.00	83.55
0.00	0.00	0.00

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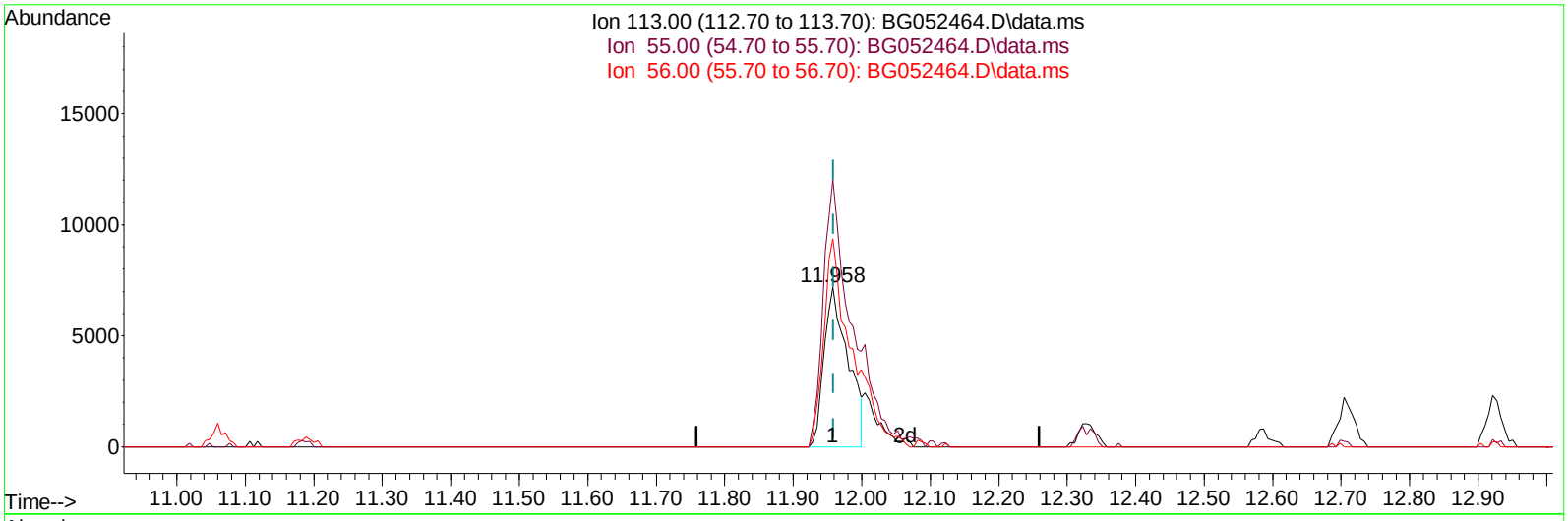

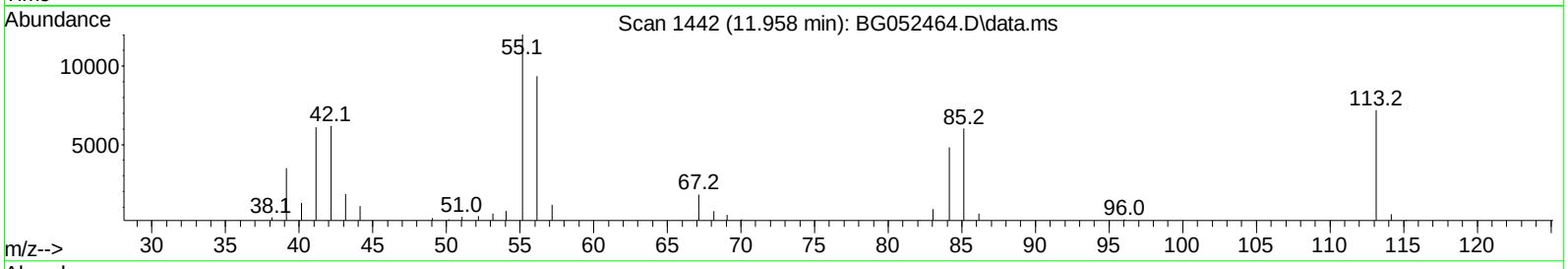

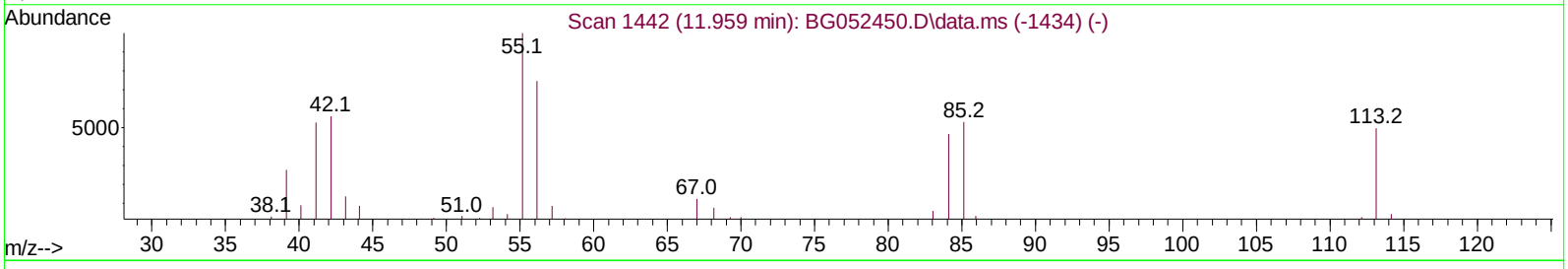

TIC: BG052464.D\data.ms

(34) Caprolactam

11.958min (-0.001) 24.38 ng/ul

response 17511

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	167.05
56.00	136.50	130.16
0.00	0.00	0.00

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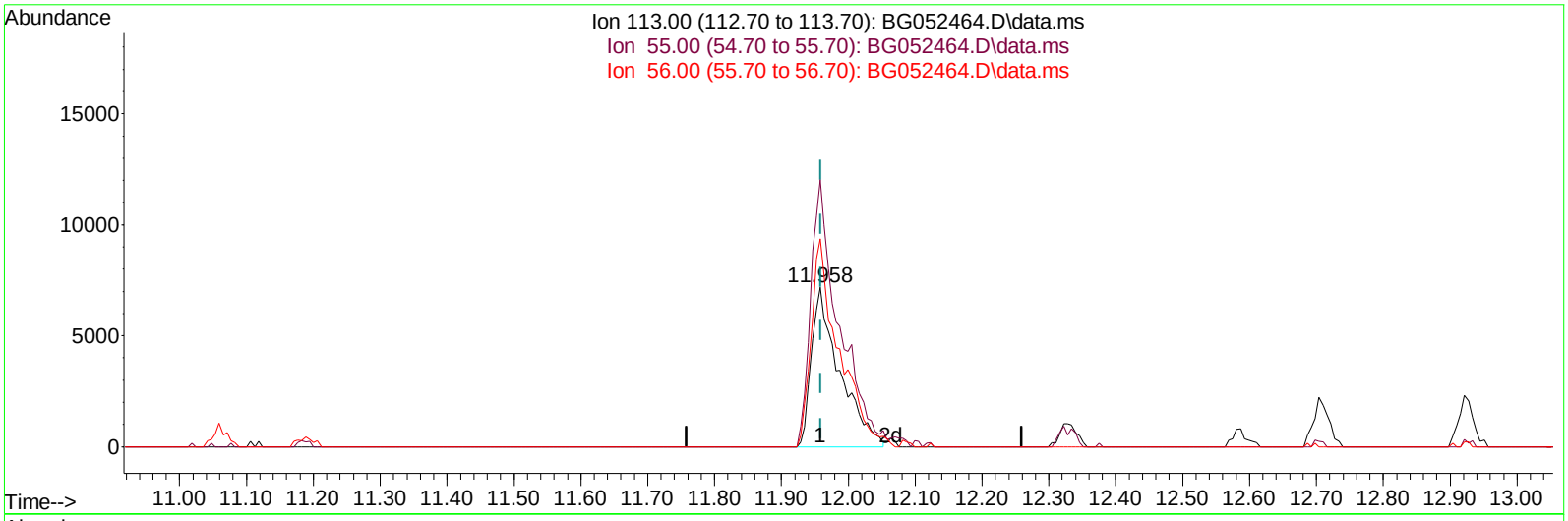

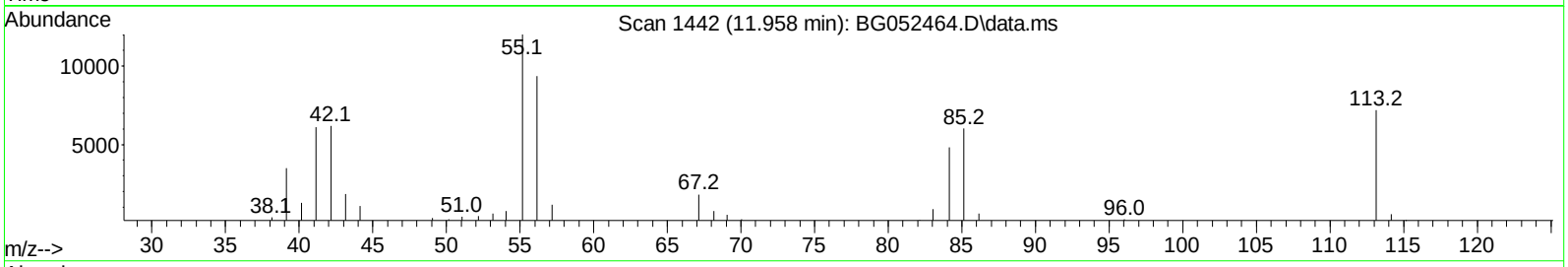

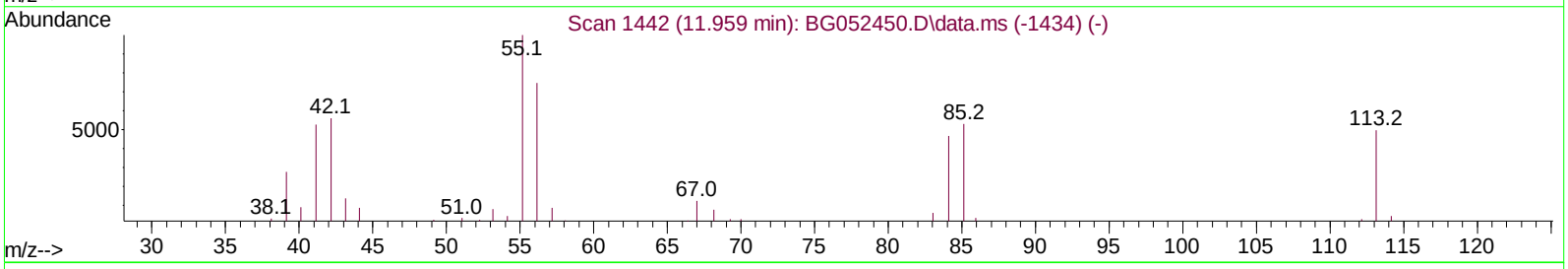

TIC: BG052464.D\data.ms

(34) Caprolactam

11.958min (-0.001) 29.24 ng/ul m

response 21000

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	167.05
56.00	136.50	130.16
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	8.222	152	26795	20.000	ng/ul	0.00
20) Naphthalene-d8	11.065	136	117186	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.866	164	85574	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	209047	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.933	240	206677	20.000	ng/ul	# 0.00
88) Perylene-d12	25.393	264	214002	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	3751	5.491	ng/uL	0.00
4) Pyridine-d5	3.975	84	50779	24.642	ng/ul	0.00
7) Phenol-d5	7.364	99	70576	27.777	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	41463	27.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.752	132	50814	28.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.933	113	55833	28.243	ng/ul	0.00
21) Nitrobenzene-d5	9.397	128	25820	25.846	ng/ul	0.00
24) 2-Nitrophenol-d4	10.125	143	31062	28.387	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	58045	28.445	ng/ul	0.00
31) 4-Chloroaniline-d4	11.189	131	70297	24.859	ng/ul	0.00
46) Dimethylphthalate-d6	14.255	166	195992	28.174	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	239896	27.935	ng/ul	0.00
54) 4-Nitrophenol-d4	15.060	143	29992	27.121	ng/ul	0.00
60) Fluorene-d10	15.859	176	172784	28.273	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.970	200	39281	29.635	ng/ul	0.00
73) Anthracene-d10	17.715	188	286340	28.353	ng/ul	0.00
81) Pyrene-d10	19.994	212	358425	29.638	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.158	264	334191	29.108	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	7834m	9.858	ng/uL	
5) Pyridine	3.992	79	52727	25.344	ng/ul	95
6) Benzaldehyde	7.347	77	40462	28.043	ng/ul	98
8) Phenol	7.394	94	70136	27.292	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.623	93	52411	27.573	ng/ul	93
12) 2-Chlorophenol	7.781	128	50959	27.408	ng/ul	95
13) 2-Methylphenol	8.663	108	53229	27.363	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.745	45	70858	27.237	ng/ul	97
16) Acetophenone	9.050	105	84469	27.733	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.027	70	49727	27.732	ng/ul	97
18) 4-Methylphenol	8.997	108	58560	28.307	ng/ul	86
19) Hexachloroethane	9.326	117	20489	28.185	ng/ul#	81
22) Nitrobenzene	9.438	77	70236	27.425	ng/ul	97
23) Isophorone	9.961	82	138581	28.049	ng/ul	98
25) 2-Nitrophenol	10.161	139	33055	28.746	ng/ul	93
26) 2,4-Dimethylphenol	10.213	107	63512	26.854	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.443	93	74332	27.798	ng/ul	99
29) 2,4-Dichlorophenol	10.707	162	55591	28.797	ng/ul	96
30) Naphthalene	11.112	128	173443	26.604	ng/ul	97
32) 4-Chloroaniline	11.212	127	65980	22.744	ng/ul	99
33) Hexachlorobutadiene	11.400	225	40408	26.528	ng/ul	95
34) Caprolactam	11.958	113	21000m	29.242	ng/ul	
35) 4-Chloro-3-methylphenol	12.328	107	61667	28.601	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.710	142	127372	27.265	ng/ul	95
37) 1-Methylnaphthalene	12.921	142	131040	27.563	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.074	216	80576	26.830	ng/ul	97
40) Hexachlorocyclopentadiene	13.051	237	33641	23.139	ng/ul	98
41) 2,4,6-Trichlorophenol	13.309	196	49081	27.251	ng/ul	96
42) 2,4,5-Trichlorophenol	13.386	196	52851	27.530	ng/ul	99
43) 1,1'-Biphenyl	13.703	154	182128	26.767	ng/ul#	95
44) 2-Chloronaphthalene	13.750	162	138265	26.720	ng/ul	97
45) 2-Nitroaniline	13.944	65	48113	28.468	ng/ul	90
47) Dimethylphthalate	14.308	163	191032	28.092	ng/ul	100
48) 2,6-Dinitrotoluene	14.431	165	42846	28.772	ng/ul#	86
50) Acenaphthylene	14.596	152	233080	27.160	ng/ul	97
51) 3-Nitroaniline	14.760	138	39805	32.822	ng/ul#	98
52) Acenaphthene	14.931	153	152567	27.032	ng/ul	98
53) 2,4-Dinitrophenol	14.972	184	19916	27.046	ng/ul#	85
55) 4-Nitrophenol	15.072	109	28989	27.029	ng/ul	92
56) Dibenzofuran	15.265	168	224611	27.684	ng/ul	96
57) 2,4-Dinitrotoluene	15.218	165	60413	28.007	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.494	232	48921	28.117	ng/ul#	84
59) Diethylphthalate	15.665	149	195797	28.483	ng/ul	97
61) Fluorene	15.912	166	186818	27.374	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.894	204	100445	27.043	ng/ul	94
63) 4-Nitroaniline	15.923	138	39499	33.922	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.988	198	36276	28.239	ng/ul#	98
67) N-Nitrosodiphenylamine	16.111	169	167036	28.359	ng/ul	94
68) 4-Bromophenyl-phenylether	16.793	248	71675	28.566	ng/ul#	85
69) Hexachlorobenzene	16.928	284	78955	27.425	ng/ul#	86
70) Atrazine	17.051	200	65816	25.355	ng/ul	98
71) Pentachlorophenol	17.269	266	31885	24.589	ng/ul	93
72) Phenanthrene	17.662	178	313523	27.846	ng/ul	98
74) Anthracene	17.750	178	313379	27.655	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.673	216	83765	25.330	ng/uL	98
76) Pentachlorobenzene	15.189	250	87390	27.680	ng/uL	96
77) Carbazole	18.015	167	285669	28.383	ng/ul	98
78) Di-n-butylphthalate	18.555	149	336295	28.095	ng/ul	99
80) Fluoranthene	19.665	202	411028	28.787	ng/ul#	90
82) Pyrene	20.024	202	399728	28.192	ng/ul#	91
83) Butylbenzylphthalate	20.893	149	148789	29.028	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.809	252	141737	31.045	ng/ul#	98
85) Benzo(a)anthracene	21.909	228	401980	28.704	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.786	149	206933	28.802	ng/ul#	97
87) Chrysene	21.980	228	382337	28.477	ng/ul	98
89) Di-n-octyl phthalate	23.078	149	347815	28.107	ng/ul	100
90) Benzo(b)fluoranthene	24.288	252	413338	27.703	ng/ul#	96
91) Benzo(k)fluoranthene	24.365	252	388866	28.256	ng/ul#	96
93) Benzo(a)pyrene	25.228	252	392800	27.985	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.393	276	452749	28.366	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.458	278	382297	28.059	ng/ul#	94
96) Benzo(g,h,i)perylene	30.650	276	380858	28.420	ng/ul#	88

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

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