Quantitation Report (Qedit)

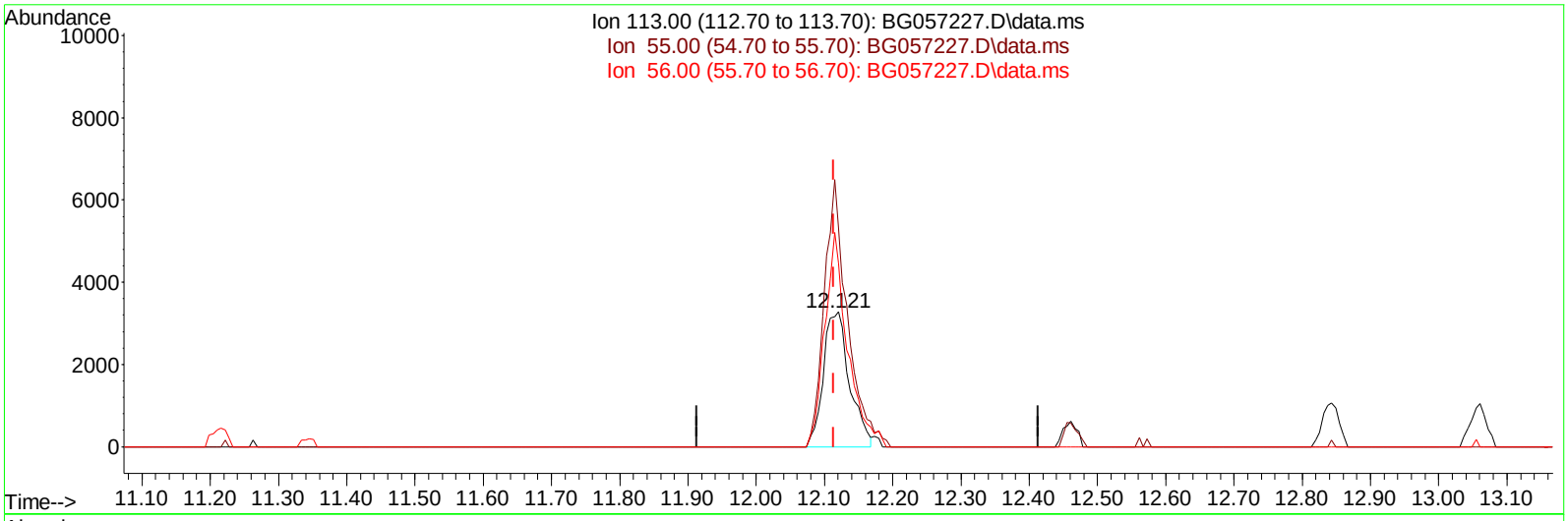
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057227.D
Acq On : 28 Apr 2023 21:32
Operator : CG/JU
Sample : 02417-24MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

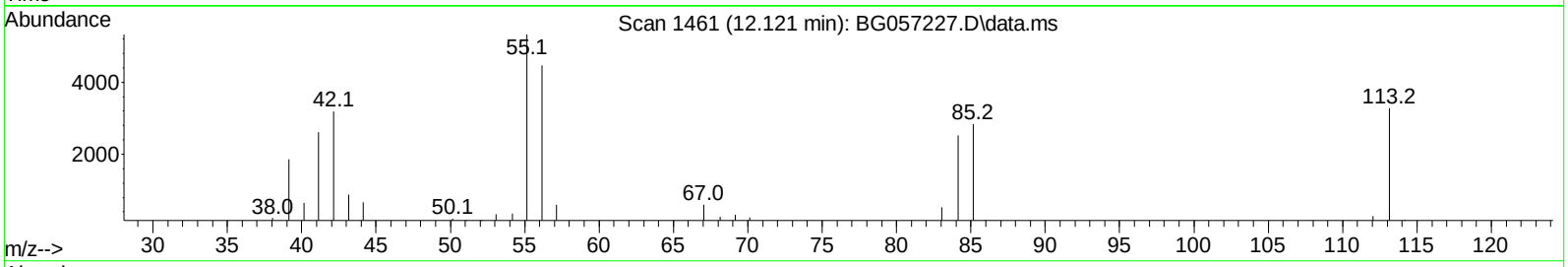
Quant Time: Apr 29 00:55:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration

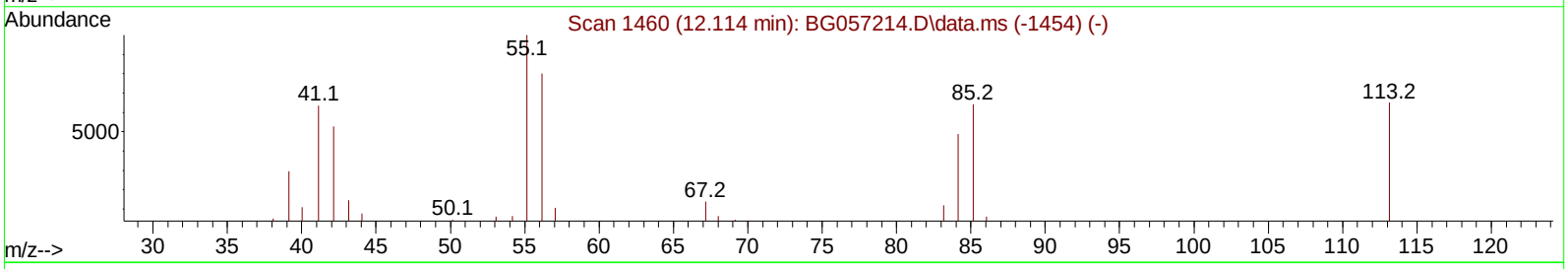
Instrument :
BNA_G
ClientSampleId :
EW906MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023







TIC: BG057227.D\data.ms

(34) Caprolactam

12.121min (+ 0.007) 23.31 ng/ul

response 8732

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	162.55
56.00	123.40	136.29
0.00	0.00	0.00

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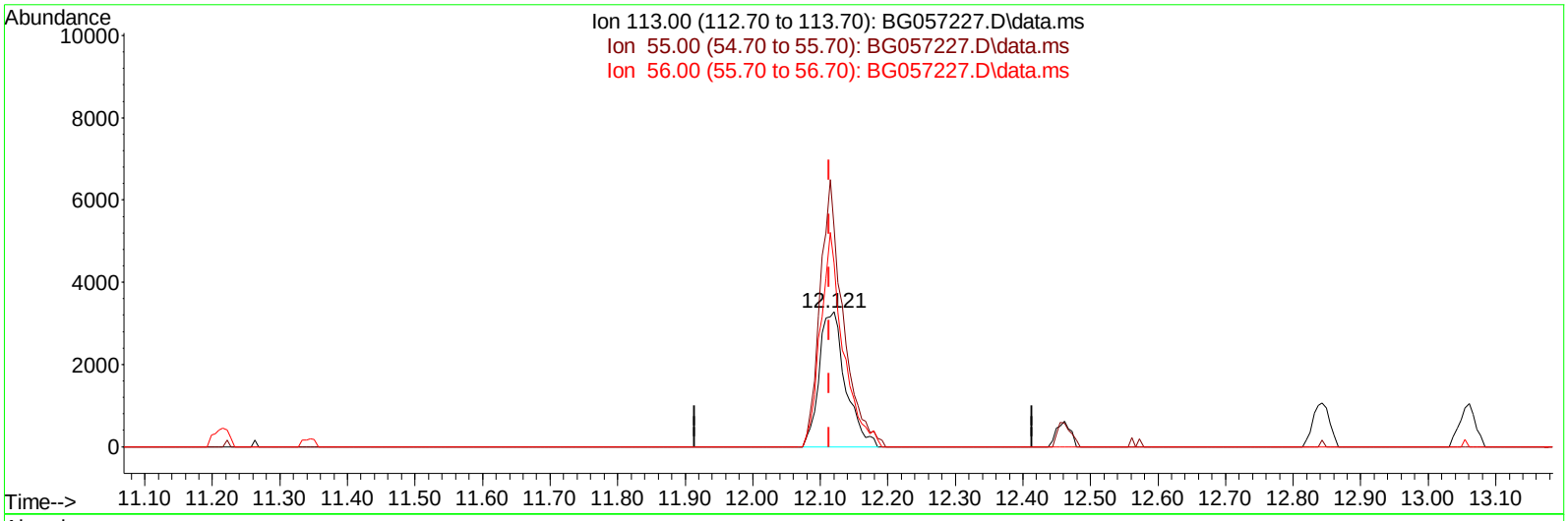

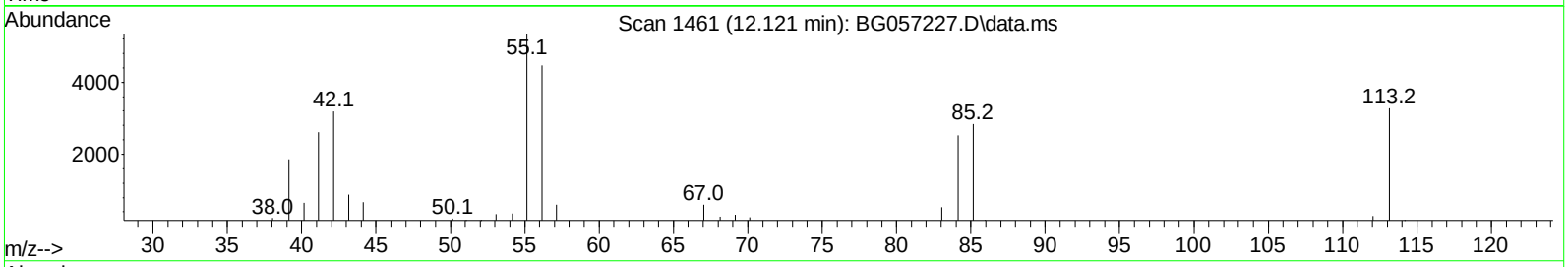

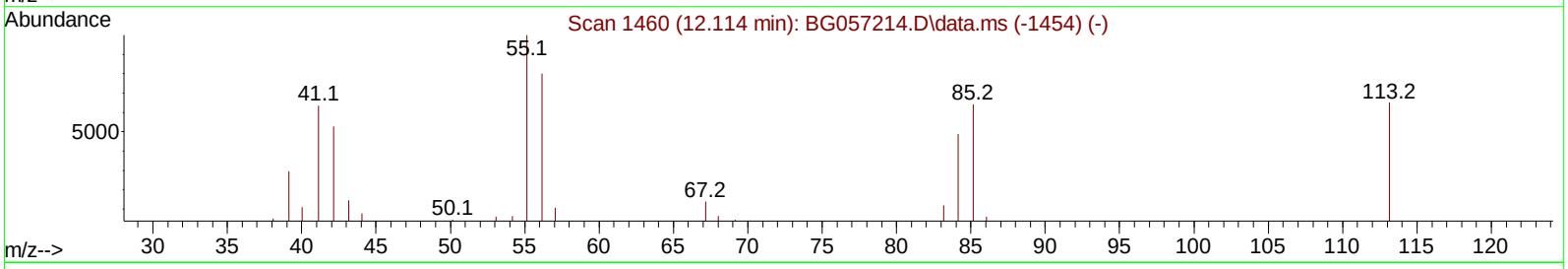

TIC: BG057227.D\data.ms

(34) Caprolactam

12.121min (+ 0.007) 23.74 ng/ul m

response 8891

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	162.55
56.00	123.40	136.29
0.00	0.00	0.00

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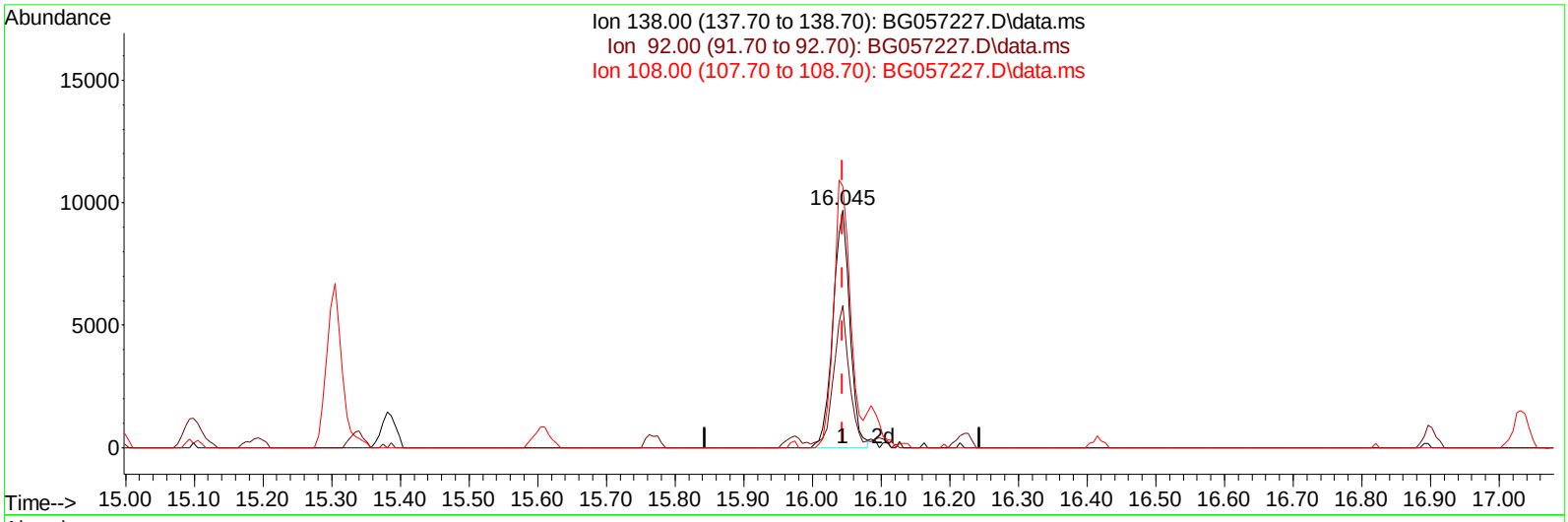

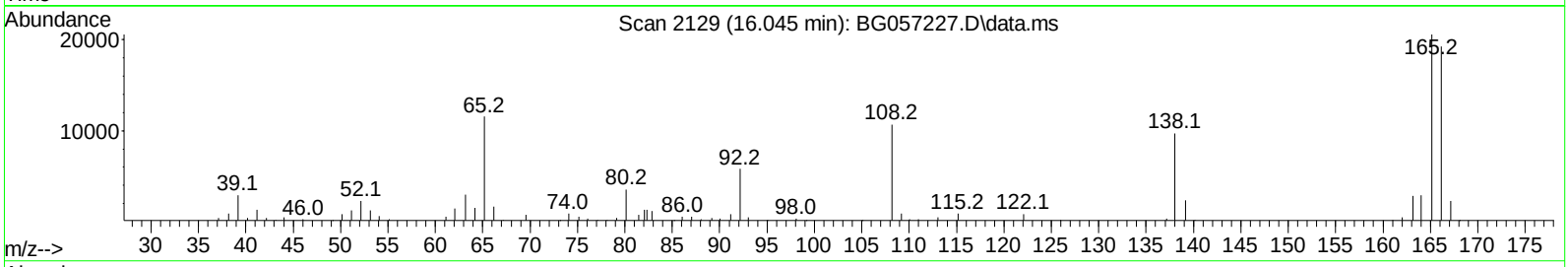

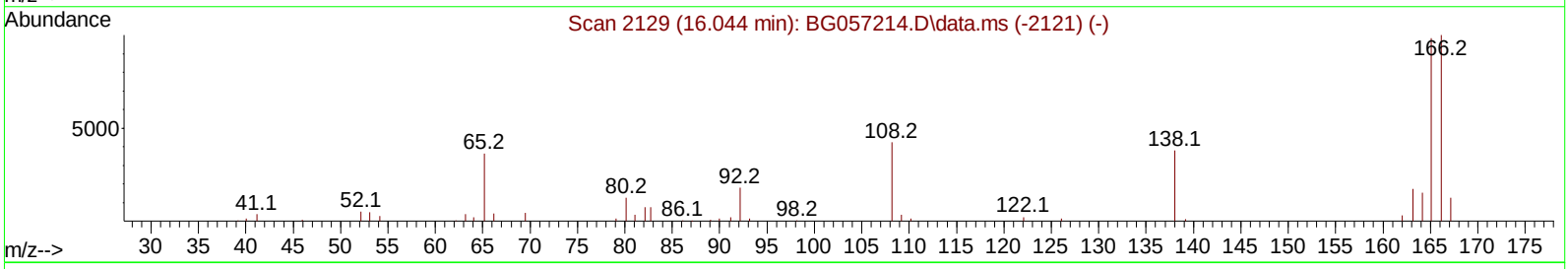

TIC: BG057227.D\data.ms

(63) 4-Nitroaniline

16.045min (+ 0.001) 29.64 ng/ul

response 16609

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.90	59.84
108.00	111.40	110.09
0.00	0.00	0.00

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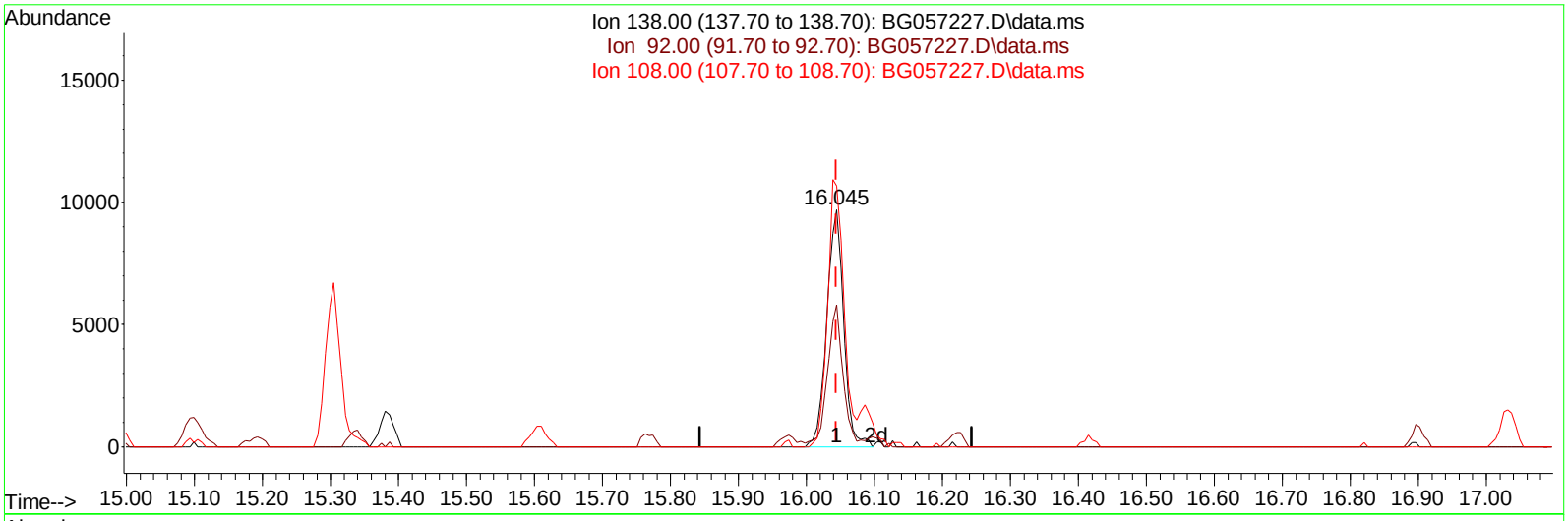

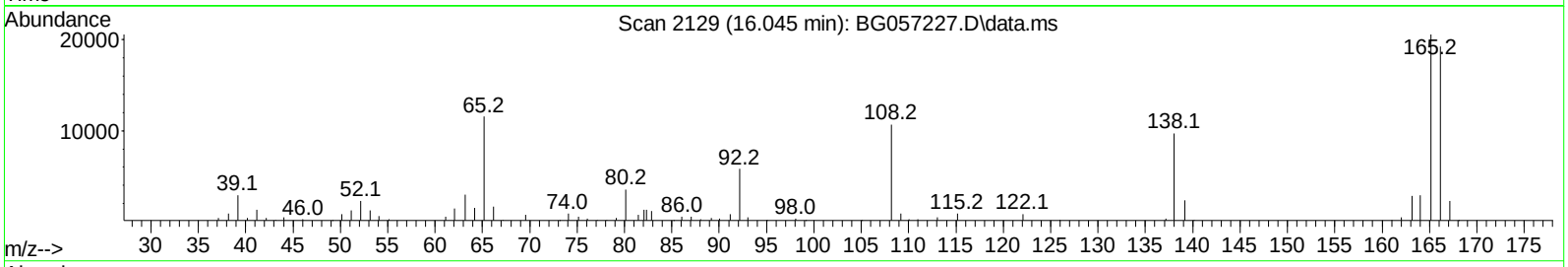

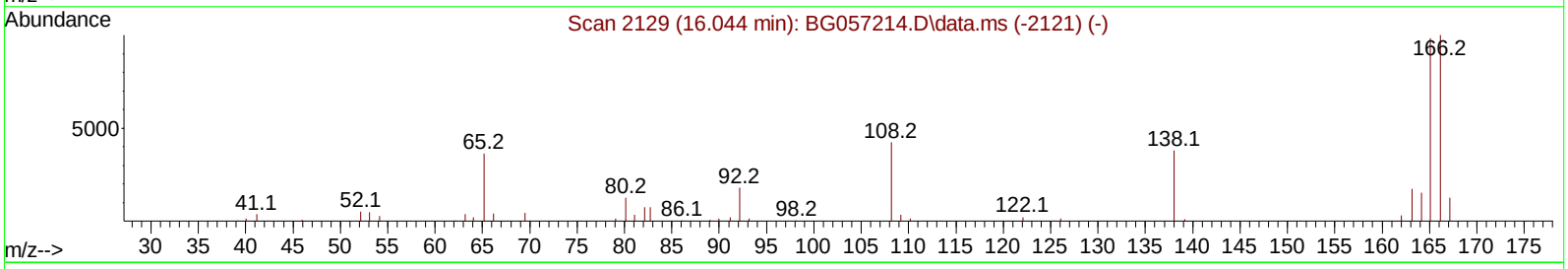

TIC: BG057227.D\data.ms

(63) 4-Nitroaniline

16.045min (+ 0.001) 30.03 ng/ul m

response 16827

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.90	59.84
108.00	111.40	110.09
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	8.373	152	14621	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	65379	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	51005	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.725	188	117355	20.000	ng/ul	0.00
79) Chrysene-d12	22.036	240	102333	20.000	ng/ul	# 0.00
88) Perylene-d12	25.544	264	108626	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	879	2.646	ng/uL	0.00
4) Pyridine-d5	4.108	84	3180	3.036	ng/ul	0.00
7) Phenol-d5	7.515	99	23335	16.876	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	15162	18.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.903	132	17210	18.887	ng/ul	0.00
15) 4-Methylphenol-d8	9.078	113	16374	15.581	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	9336	17.931	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	11079	18.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	22830	19.475	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	20467	13.173	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	79102	19.573	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	88315	19.443	ng/ul	0.00
54) 4-Nitrophenol-d4	15.169	143	6223	10.578	ng/ul	0.00
60) Fluorene-d10	15.974	176	75247	19.986	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.086	200	10394	14.949	ng/ul	0.00
73) Anthracene-d10	17.825	188	107420	20.053	ng/ul	0.00
81) Pyrene-d10	20.092	212	124528	20.501	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.309	264	115779	20.921	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.691	88	2418	6.862	ng/uL	90
5) Pyridine	4.125	79	4710	4.266	ng/ul	87
6) Benzaldehyde	7.503	77	19464	46.089	ng/ul	86
8) Phenol	7.538	94	31843	22.849	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.773	93	22663	21.728	ng/ul	98
12) 2-Chlorophenol	7.938	128	21832	22.811	ng/ul	97
13) 2-Methylphenol	8.813	108	21456	19.865	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.895	45	29313	21.797	ng/ul	99
16) Acetophenone	9.207	105	44947	24.855	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.177	70	23259	22.382	ng/ul#	96
18) 4-Methylphenol	9.142	108	24590	21.034	ng/ul	90
19) Hexachloroethane	9.477	117	9706	24.238	ng/ul	96
22) Nitrobenzene	9.595	77	35412	22.841	ng/ul	96
23) Isophorone	10.111	82	64692	21.931	ng/ul	99
25) 2-Nitrophenol	10.311	139	14731	23.936	ng/ul	95
26) 2,4-Dimethylphenol	10.352	107	10929	7.828	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.587	93	33071	21.568	ng/ul	96
29) 2,4-Dichlorophenol	10.852	162	26996	24.261	ng/ul	99
30) Naphthalene	11.269	128	83219	23.183	ng/ul	98
32) 4-Chloroaniline	11.369	127	23159	14.305	ng/ul	98
33) Hexachlorobutadiene	11.539	225	23025	24.397	ng/ul	94
34) Caprolactam	12.121	113	8891m	23.735	ng/ul	
35) 4-Chloro-3-methylphenol	12.461	107	30246	23.624	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.843	142	62499	23.742	ng/ul	97
37) 1-Methylnaphthalene	13.060	142	63028	23.811	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	13.201	216	45413	24.501	ng/ul	96
40) Hexachlorocyclopentadiene	13.178	237	10910	11.795	ng/ul	99
41) 2,4,6-Trichlorophenol	13.436	196	26846	24.869	ng/ul	95
42) 2,4,5-Trichlorophenol	13.513	196	29576	25.518	ng/ul	90
43) 1,1'-Biphenyl	13.824	154	91188	23.430	ng/ul	99
44) 2-Chloronaphthalene	13.877	162	70837	23.474	ng/ul	97
45) 2-Nitroaniline	14.077	65	22080	24.238	ng/ul	97
47) Dimethylphthalate	14.423	163	96220	23.708	ng/ul	98
48) 2,6-Dinitrotoluene	14.553	165	20698	24.781	ng/ul	97
50) Acenaphthylene	14.717	152	107139	23.211	ng/ul	99
51) 3-Nitroaniline	14.881	138	16161	27.308	ng/ul#	96
52) Acenaphthene	15.052	153	77388	23.531	ng/ul	98
53) 2,4-Dinitrophenol	15.099	184	9117	20.497	ng/ul	98
55) 4-Nitrophenol	15.187	109	15837	23.748	ng/ul	95
56) Dibenzofuran	15.381	168	112701	23.730	ng/ul	97
57) 2,4-Dinitrotoluene	15.340	165	29268	24.478	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.604	232	25935	24.626	ng/ul#	98
59) Diethylphthalate	15.769	149	99377	24.101	ng/ul	99
61) Fluorene	16.033	166	95558	23.795	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.009	204	55881	23.840	ng/ul	97
63) 4-Nitroaniline	16.045	138	16827m	30.025	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.103	198	17864	25.213	ng/ul	98
67) N-Nitrosodiphenylamine	16.221	169	78265	25.531	ng/ul	97
68) 4-Bromophenyl-phenylether	16.902	248	37120	26.464	ng/ul	97
69) Hexachlorobenzene	17.032	284	38741	26.229	ng/ul	98
70) Atrazine	17.149	200	27825	20.423	ng/ul	96
71) Pentachlorophenol	17.378	266	11979	17.546	ng/ul	95
72) Phenanthrene	17.772	178	177795	29.093	ng/ul	98
74) Anthracene	17.860	178	149440	24.344	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.801	216	47183	26.731	ng/uL	96
76) Pentachlorobenzene	15.304	250	47820	26.616	ng/uL	97
77) Carbazole	18.124	167	128896	25.125	ng/ul	99
78) Di-n-butylphthalate	18.647	149	150442	25.645	ng/ul	99
80) Fluoranthene	19.757	202	240228	33.294	ng/ul	97
82) Pyrene	20.121	202	234239	32.068	ng/ul	98
83) Butylbenzylphthalate	20.973	149	58701	25.094	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.913	252	34120	15.013	ng/ul	95
85) Benzo(a)anthracene	22.019	228	213501	29.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.866	149	87065	25.591	ng/ul	96
87) Chrysene	22.089	228	206377	30.224	ng/ul	99
89) Di-n-octyl phthalate	23.164	149	144484	24.086	ng/ul	100
90) Benzo(b)fluoranthene	24.421	252	225299	29.951	ng/ul	99
91) Benzo(k)fluoranthene	24.498	252	201119	27.482	ng/ul	100
93) Benzo(a)pyrene	25.385	252	189205	29.135	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.597	276	234035	28.830	ng/ul	98
95) Dibenzo(a,h)anthracene	29.656	278	185131	27.503	ng/ul	99
96) Benzo(g,h,i)perylene	30.872	276	161521	24.585	ng/ul	97

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

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