Quantitation Report (Qedit)

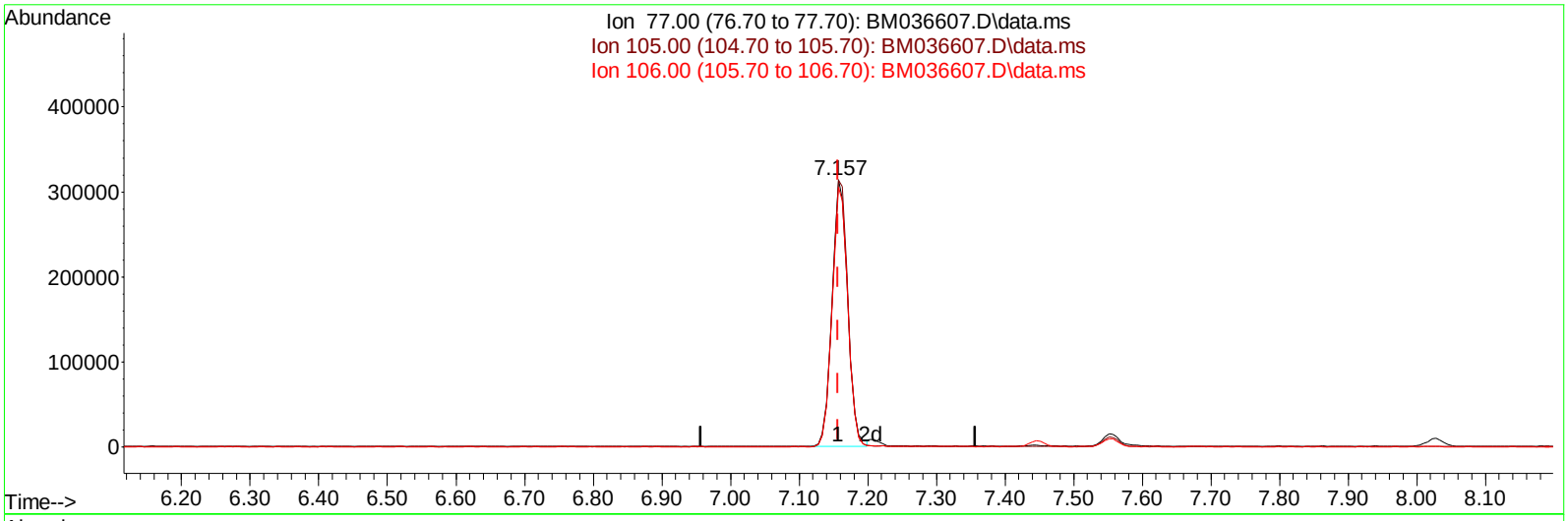
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036607.D
Acq On : 20 Sep 2022 08:00
Operator : CG/JU
Sample : PB147643BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

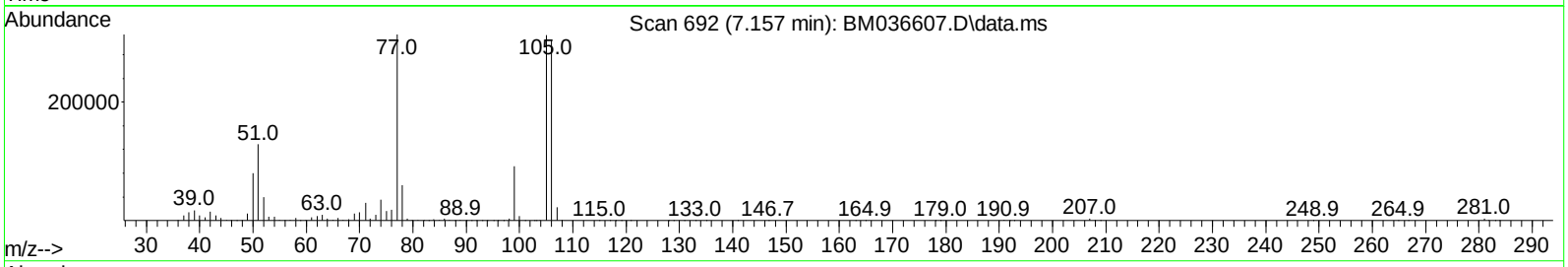
Quant Time: Sep 20 08:37:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

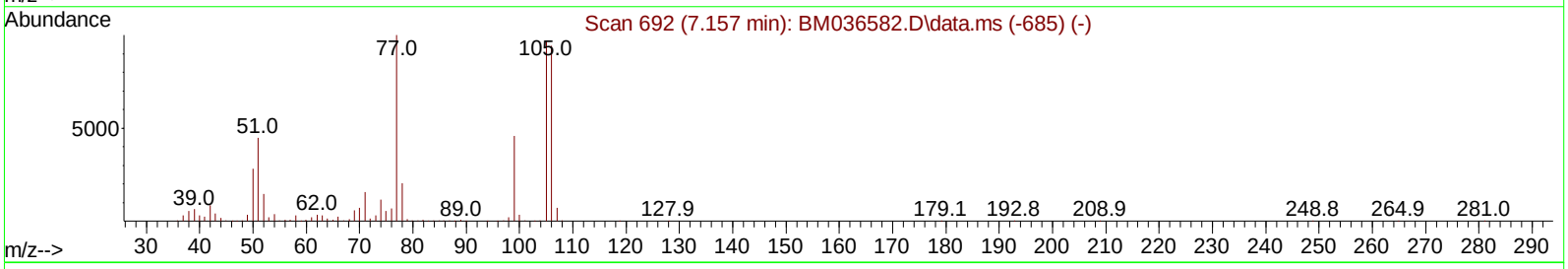
Instrument :
BNA_M
ClientSampleId :
SLCS643

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036607.D\data.ms

(6) Benzaldehyde

7.157min (+ 0.000) 24.85 ng/ul

response 494166

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.74
106.00	91.30	97.23
0.00	0.00	0.00

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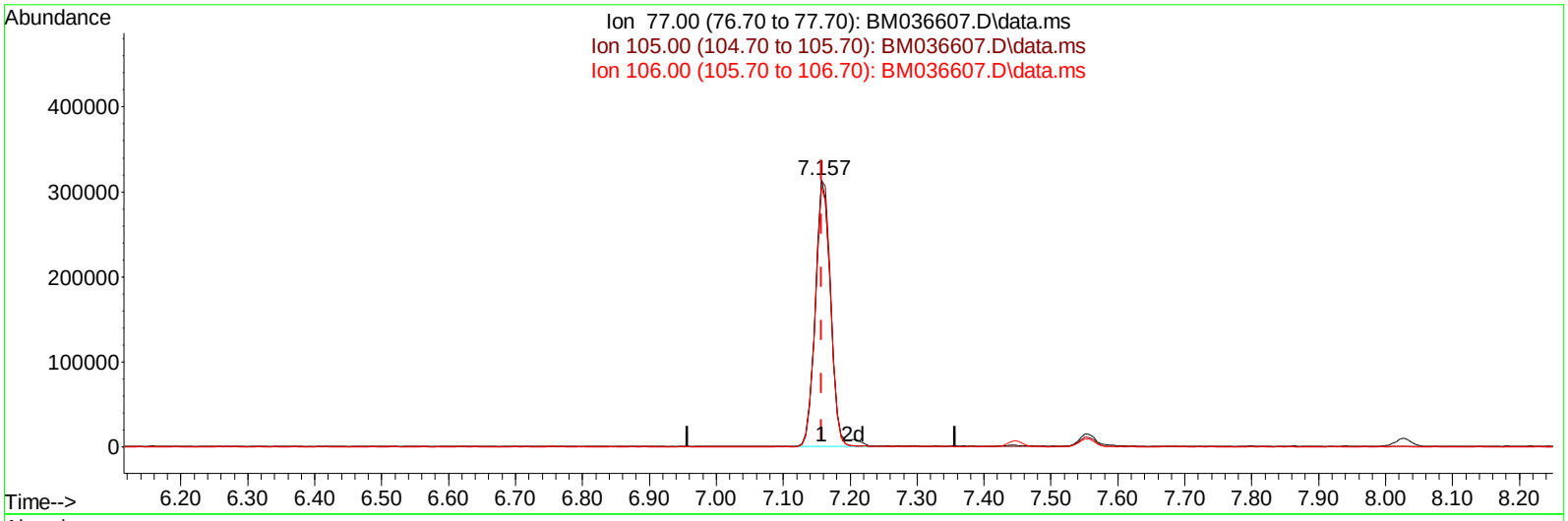

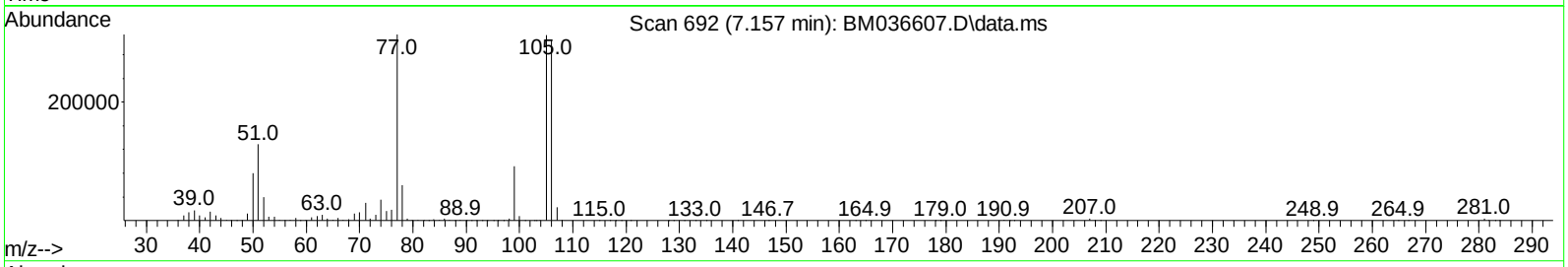

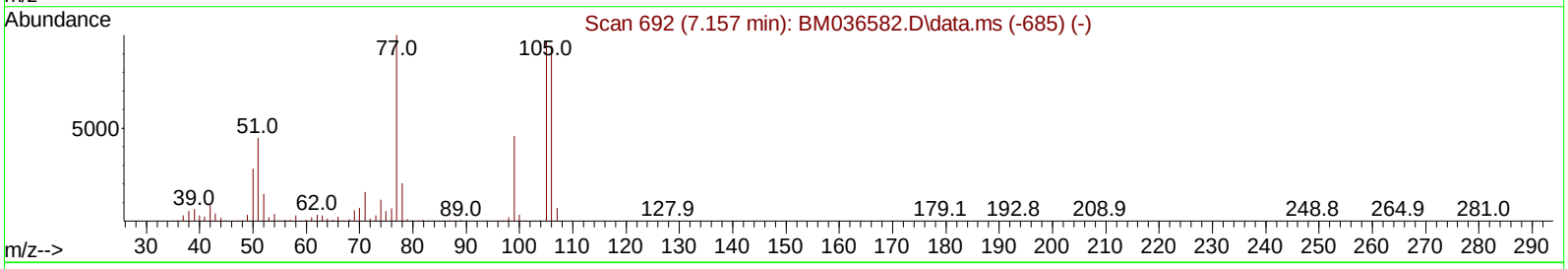

TIC: BM036607.D\data.ms

(6) Benzaldehyde

7.157min (+ 0.000) 25.41 ng/ul m

response 505303

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.74
106.00	91.30	97.23
0.00	0.00	0.00

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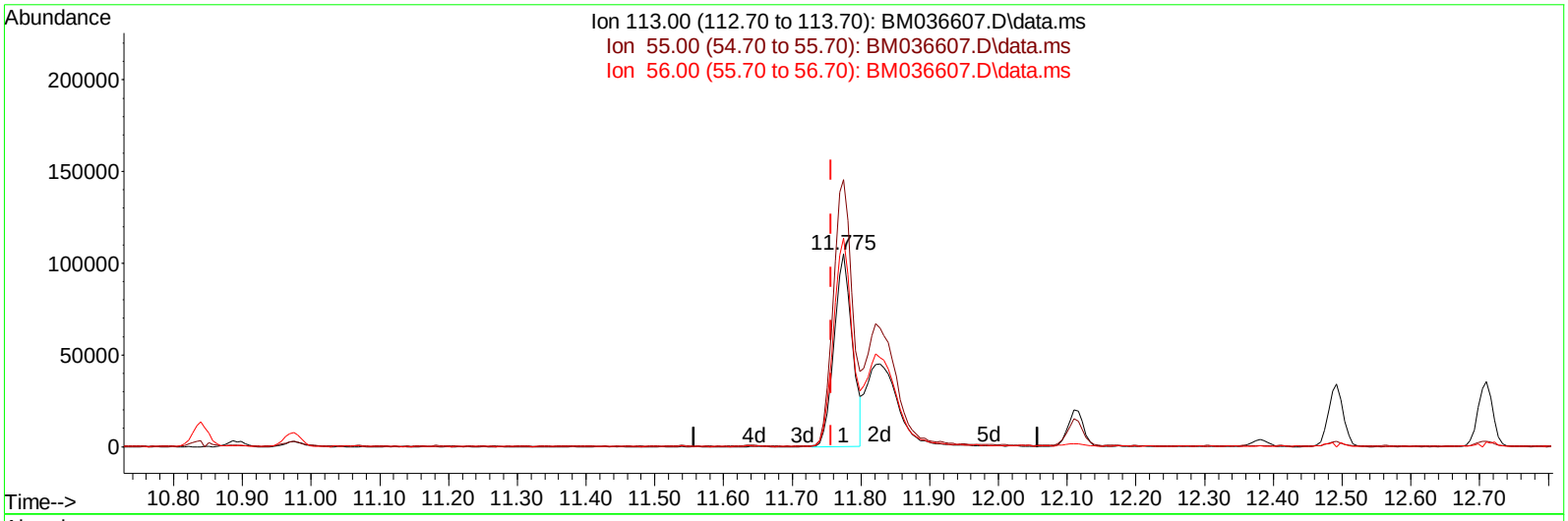

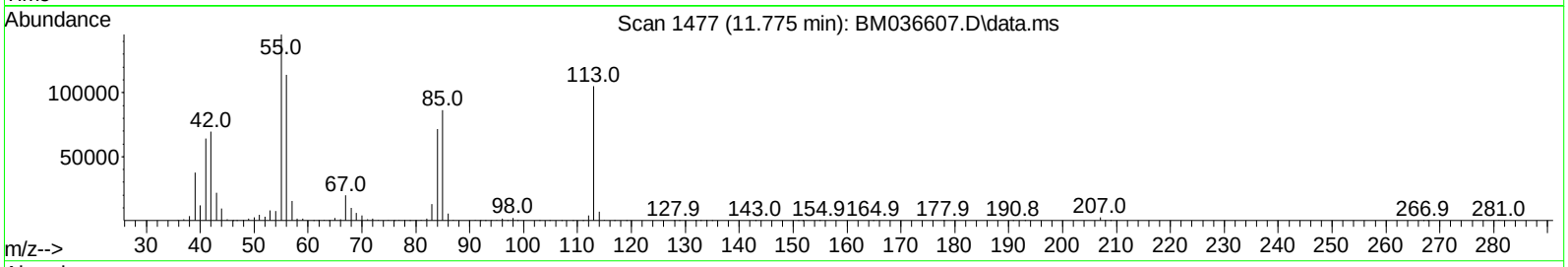

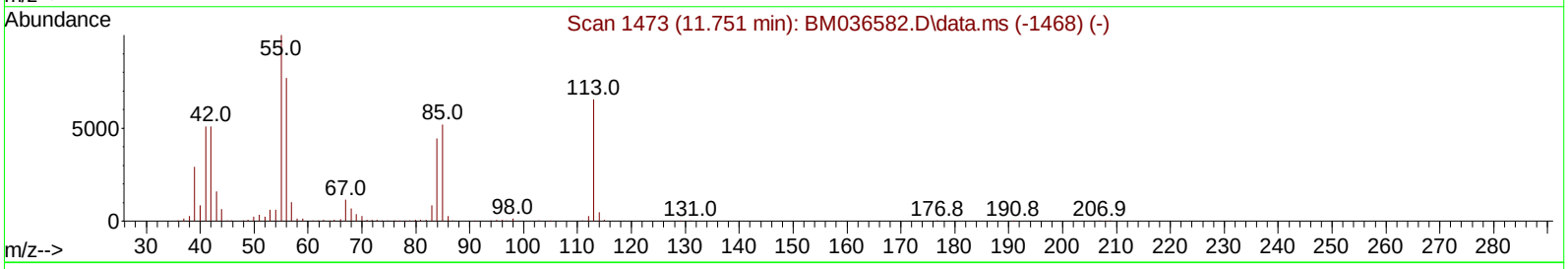

TIC: BM036607.D\data.ms

(34) Caprolactam

11.775min (+ 0.018) 19.38 ng/ul

response 192336

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	138.59
56.00	118.30	108.45
0.00	0.00	0.00

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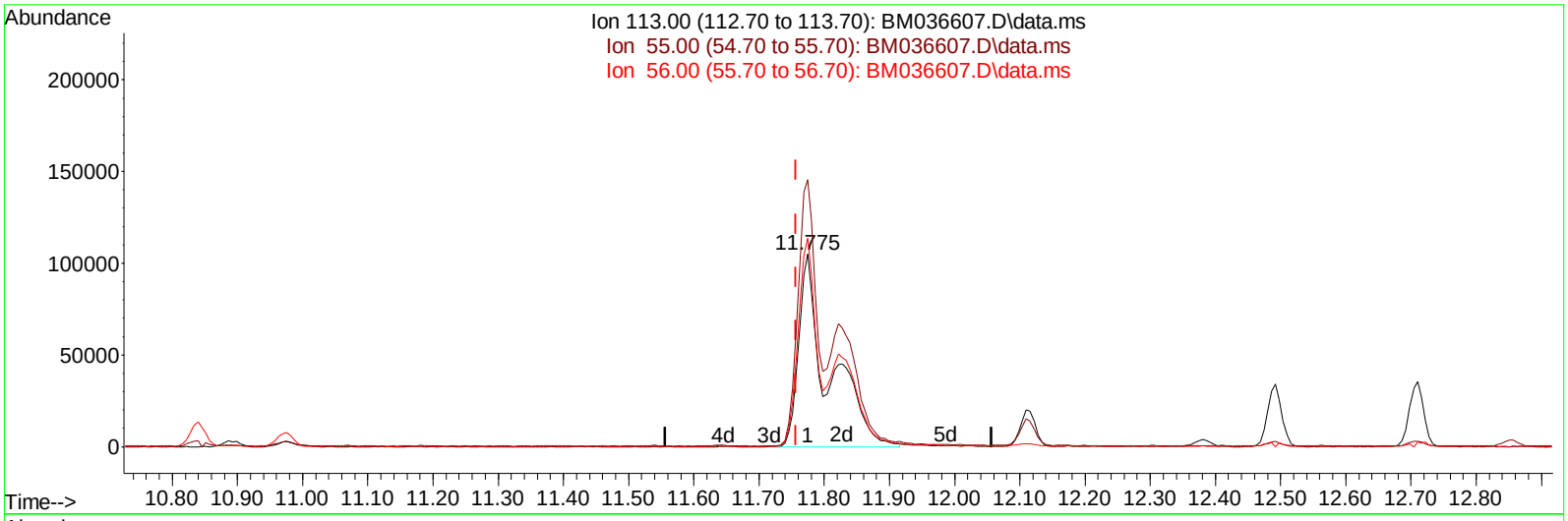

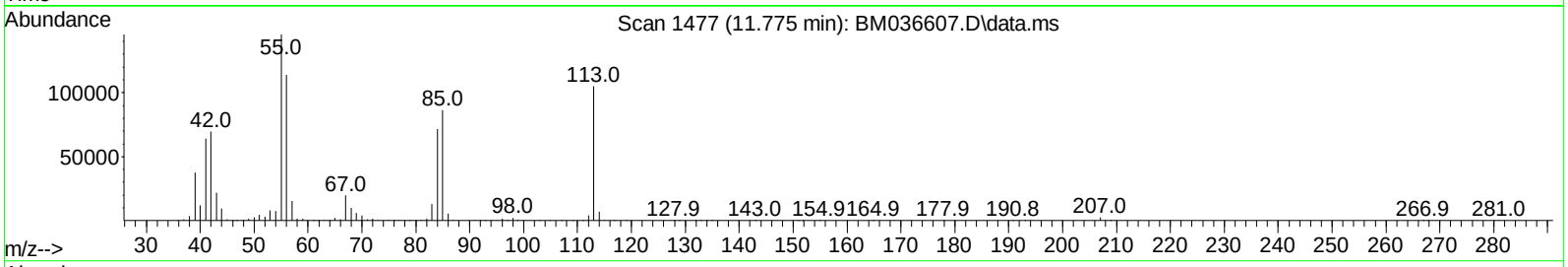

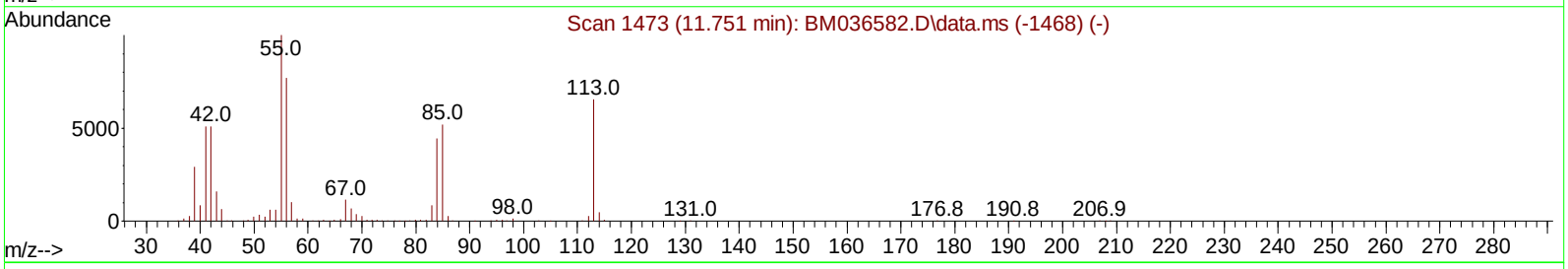

TIC: BM036607.D\data.ms

(34) Caprolactam

11.775min (+ 0.018) 33.89 ng/ul m

response 336389

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	138.59
56.00	118.30	108.45
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	8.028	152	459449	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	2071474	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1300950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2582374	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	1988510	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1665002	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	59547	4.859	ng/uL	0.00
4) Pyridine-d5	3.816	84	828305	23.173	ng/ul	0.00
7) Phenol-d5	7.181	99	1282694	31.241	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	717305	28.767	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	1002300	33.907	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	1011134	33.329	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	515537	36.769	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	545709	43.452	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	993102	34.122	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	1404418	29.023	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2845573	32.431	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	3356096	32.246	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	605834	35.599	ng/ul	0.01
60) Fluorene-d10	15.639	176	2500420	31.800	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	429425	42.030	ng/ul	0.00
73) Anthracene-d10	17.486	188	3829183	32.431	ng/ul	0.00
81) Pyrene-d10	19.768	212	4033549	41.231	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.844	264	2828292	34.769	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	121542	9.206	ng/uL	94
5) Pyridine	3.840	79	819828	22.829	ng/ul	92
6) Benzaldehyde	7.157	77	505303m	25.415	ng/ul	
8) Phenol	7.204	94	1271159	28.846	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.446	93	961219	28.035	ng/ul	97
12) 2-Chlorophenol	7.587	128	984392	30.785	ng/ul	96
13) 2-Methylphenol	8.469	108	961585	29.687	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	1033474	25.432	ng/ul	96
16) Acetophenone	8.857	105	1521320	28.910	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.845	70	754616	29.719	ng/ul	91
18) 4-Methylphenol	8.798	108	1057569	30.194	ng/ul	100
19) Hexachloroethane	9.116	117	377906	29.178	ng/ul	88
22) Nitrobenzene	9.234	77	1084658	29.137	ng/ul	94
23) Isophorone	9.769	82	2164738	28.520	ng/ul	98
25) 2-Nitrophenol	9.951	139	562287	36.249	ng/ul	95
26) 2,4-Dimethylphenol	10.004	107	1046780	27.361	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.251	93	1319375	29.163	ng/ul	100
29) 2,4-Dichlorophenol	10.481	162	956089	31.247	ng/ul	99
30) Naphthalene	10.892	128	3197788	28.338	ng/ul	100
32) 4-Chloroaniline	10.998	127	1068931	21.396	ng/ul	99
33) Hexachlorobutadiene	11.181	225	537197	28.706	ng/ul	99
34) Caprolactam	11.775	113	336389m	33.892	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	1064961	31.530	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.492	142	2162812	28.766	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	2187137	28.936	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.857	216	1069963	29.058	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	440196	22.939	ng/ul	99
41) 2,4,6-Trichlorophenol	13.092	196	685583	30.408	ng/ul	99
42) 2,4,5-Trichlorophenol	13.163	196	770066	31.858	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	2901118	30.251	ng/ul	99
44) 2-Chloronaphthalene	13.533	162	2202375	29.266	ng/ul	99
45) 2-Nitroaniline	13.733	65	660248	35.646	ng/ul	92
47) Dimethylphthalate	14.110	163	2784273	29.915	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	582047	38.464	ng/ul	91
50) Acenaphthylene	14.374	152	3676625	30.898	ng/ul	99
51) 3-Nitroaniline	14.551	138	670367	36.938	ng/ul#	93
52) Acenaphthene	14.716	153	2343215	28.144	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	288901	43.027	ng/ul	91
55) 4-Nitrophenol	14.851	109	436690	30.018	ng/ul	92
56) Dibenzofuran	15.045	168	3329506	29.778	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	835855	37.996	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.269	232	553360	27.347	ng/ul	100
59) Diethylphthalate	15.469	149	2842685	30.510	ng/ul	100
61) Fluorene	15.698	166	2714137	28.501	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	1298673	28.515	ng/ul	99
63) 4-Nitroaniline	15.710	138	706747	40.081	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.768	198	425320	36.890	ng/ul	94
67) N-Nitrosodiphenylamine	15.898	169	2359395	31.021	ng/ul	98
68) 4-Bromophenyl-phenylether	16.580	248	766613	30.119	ng/ul	97
69) Hexachlorobenzene	16.692	284	902689	29.985	ng/ul	99
70) Atrazine	16.845	200	88339	3.291	ng/ul	99
71) Pentachlorophenol	17.033	266	467868	26.164	ng/ul	99
72) Phenanthrene	17.427	178	4277869	30.075	ng/ul	99
74) Anthracene	17.521	178	4281042	29.611	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	1066396	30.193	ng/uL	100
76) Pentachlorobenzene	14.969	250	1051087	27.515	ng/uL	98
77) Carbazole	17.786	167	3968245	29.645	ng/ul	100
78) Di-n-butylphthalate	18.357	149	4964030	32.719	ng/ul	99
80) Fluoranthene	19.433	202	4785438	39.919	ng/ul	100
82) Pyrene	19.798	202	4798488	37.815	ng/ul	100
83) Butylbenzylphthalate	20.692	149	2095311	43.577	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	1360887	35.025	ng/ul	98
85) Benzo(a)anthracene	21.539	228	3958067	31.768	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	2979792	42.424	ng/ul	98
87) Chrysene	21.592	228	3806130	32.184	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	4885948	48.675	ng/ul	100
90) Benzo(b)fluoranthene	23.256	252	3543561	33.562	ng/ul	99
91) Benzo(k)fluoranthene	23.303	252	3189524	30.232	ng/ul	99
93) Benzo(a)pyrene	23.891	252	3256157	35.081	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.550	276	3503731	32.324	ng/ul	98
95) Dibenzo(a,h)anthracene	26.574	278	3034627	30.871	ng/ul	98
96) Benzo(g,h,i)perylene	27.338	276	2931666	31.199	ng/ul	98

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

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