Quantitation Report (Qedit)

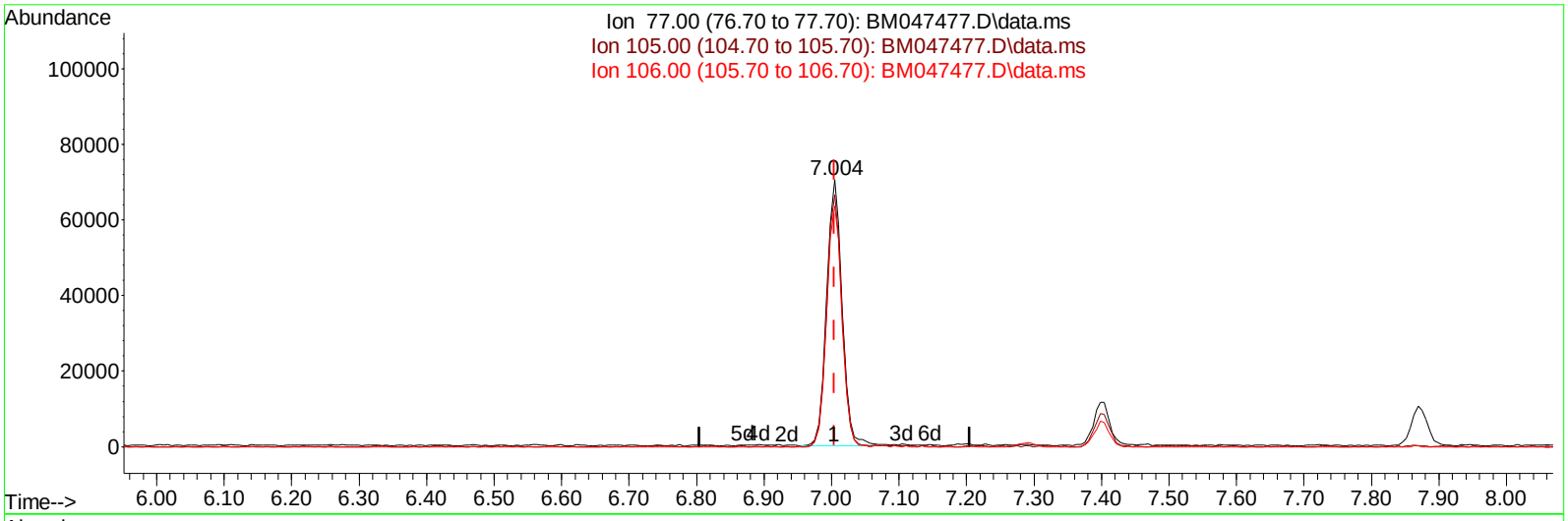
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
Data File : BM047477.D
Acq On : 11 Sep 2024 11:51
Operator : RC/JU
Sample : P3391-03
Misc : SFAM-MDL-Q3-WATER-01
ALS Vial : 6 Sample Multiplier: 1

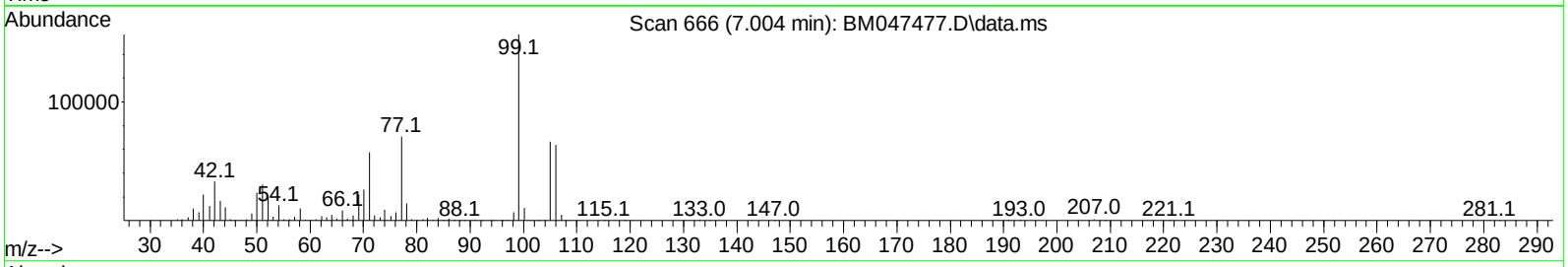
Quant Time: Sep 11 12:46:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration

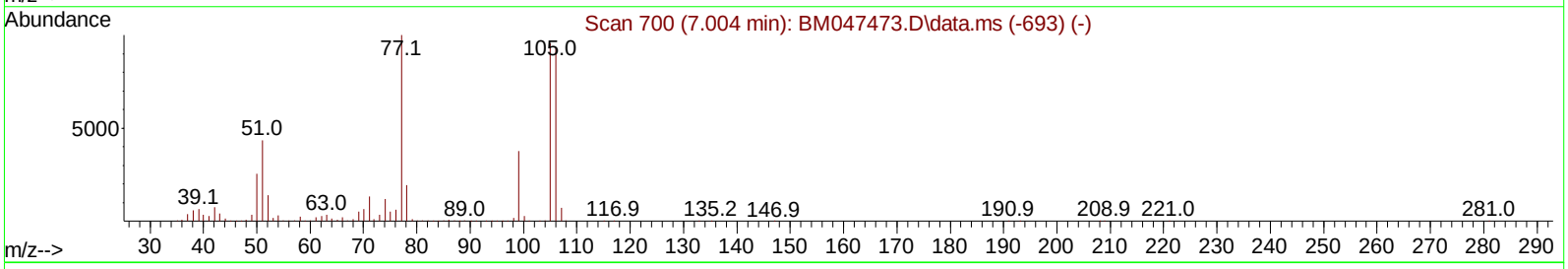
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2024-05

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BM047477.D\data.ms

(6) Benzaldehyde

7.004min (-0.000) 5.25 ng/ul

response 112927

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	94.36
106.00	90.10	90.20
0.00	0.00	0.00

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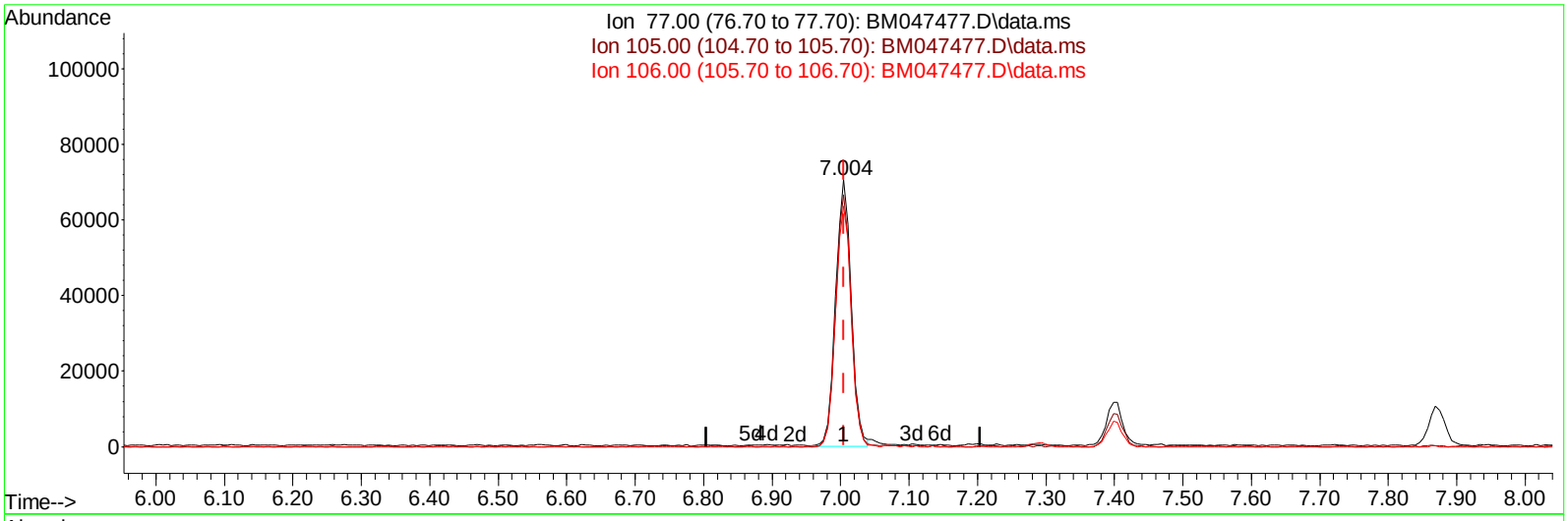

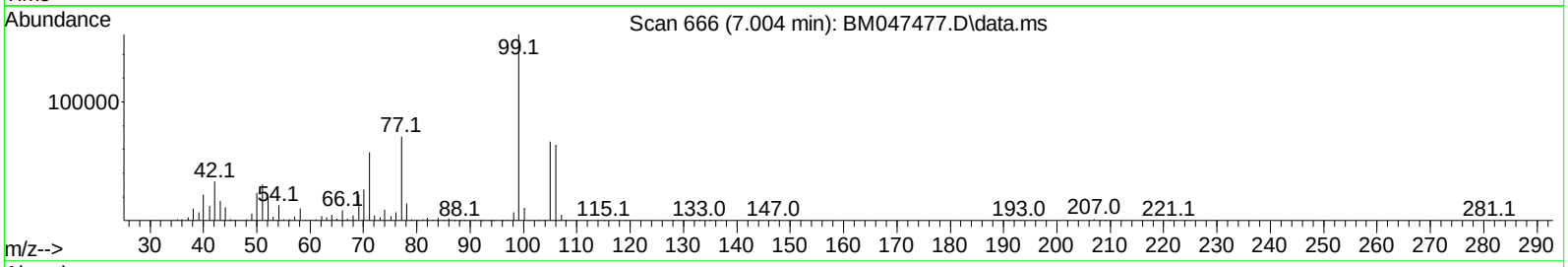

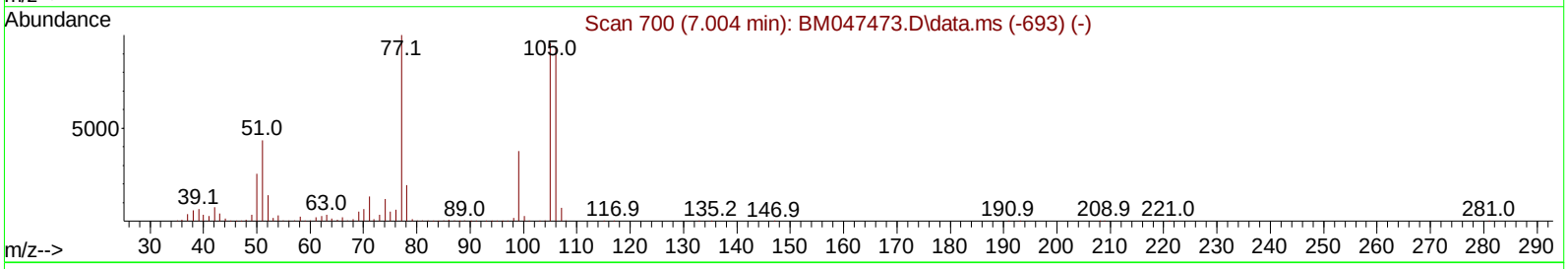

TIC: BM047477.D\data.ms

(6) Benzaldehyde

7.004min (-0.000) 5.18 ng/ul m

response 111492

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	94.36
106.00	90.10	90.20
0.00	0.00	0.00

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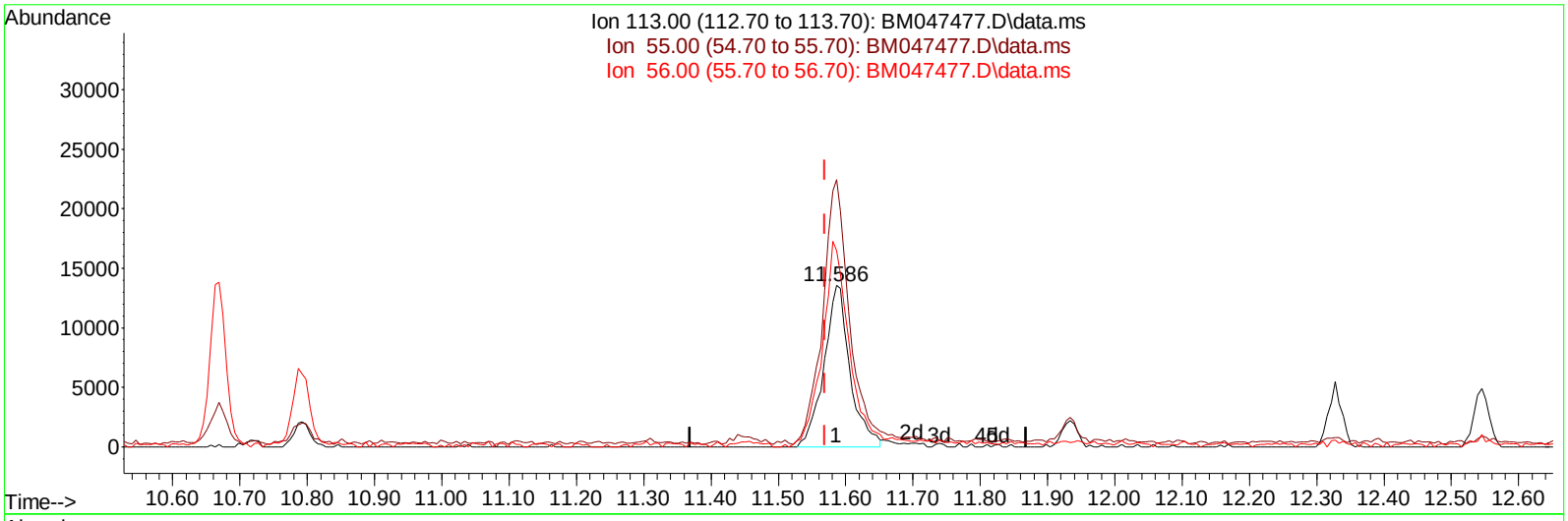

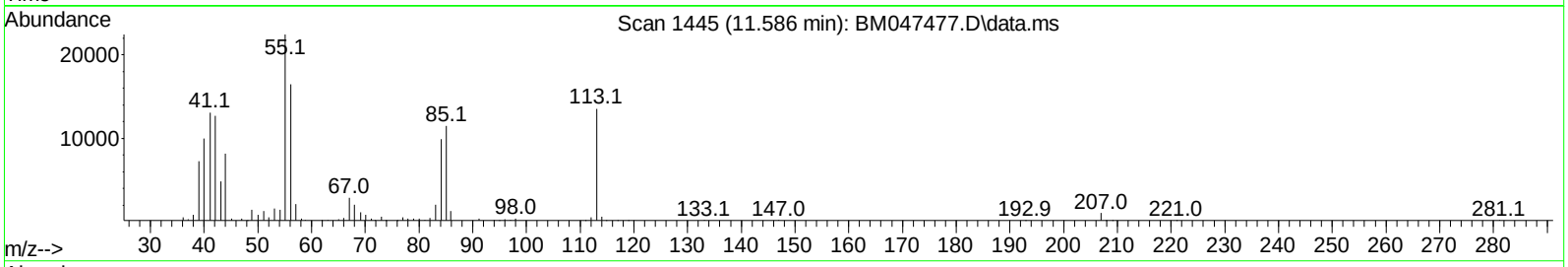

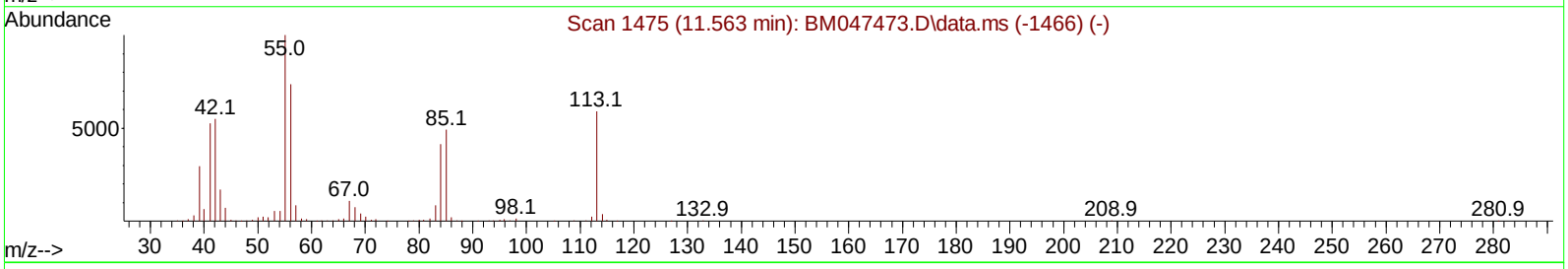

TIC: BM047477.D\data.ms

(34) Caprolactam

11.586min (+ 0.018) 3.22 ng/ul

response 36460

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.50	165.56
56.00	129.20	121.41
0.00	0.00	0.00

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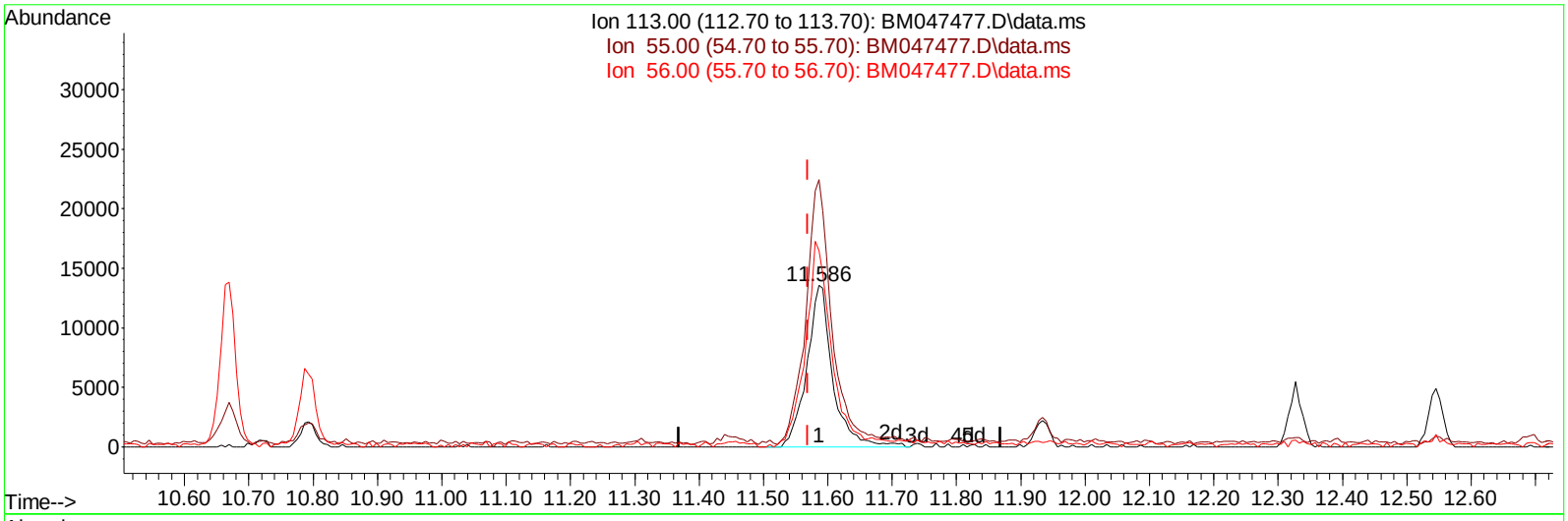

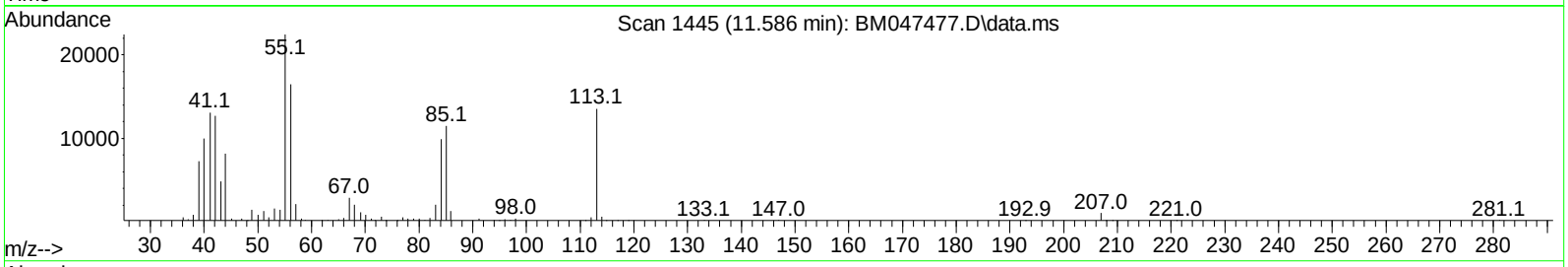

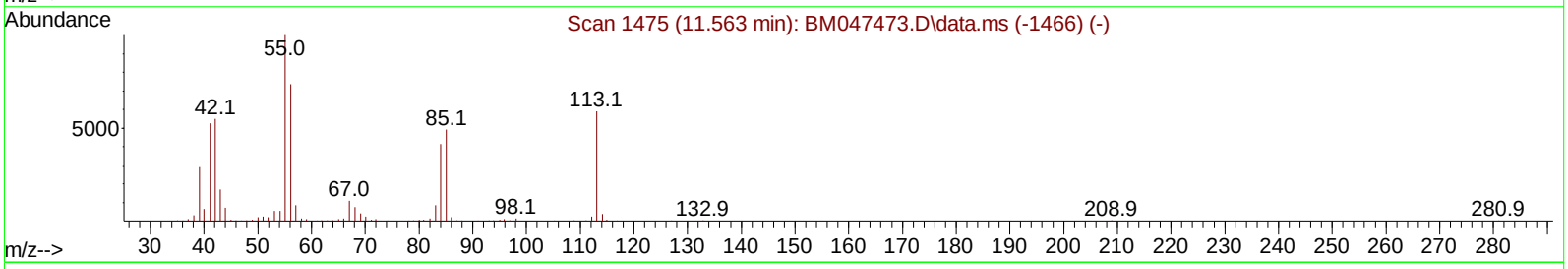

TIC: BM047477.D\data.ms

(34) Caprolactam

11.586min (+ 0.018) 3.33 ng/ul m

response 37781

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.50	165.56
56.00	129.20	121.41
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	7.869	152	433794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1956736	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1216177	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2482034	20.000	ng/ul	0.00
79) Chrysene-d12	21.462	240	2117573	20.000	ng/ul	0.00
88) Perylene-d12	24.509	264	1886580	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	54837	5.098	ng/uL	0.00
4) Pyridine-d5	3.710	84	809717	23.563	ng/ul	0.00
7) Phenol-d5	7.022	99	880012	21.642	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	581020	22.956	ng/ul	0.00
11) 2-Chlorophenol-d4	7.398	132	693253	22.386	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	642776	20.111	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	357987	23.690	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	329708	23.096	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	614887	21.183	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	953501	20.071	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2001531	22.391	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2376141	22.028	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	368686	20.816	ng/ul	0.00
60) Fluorene-d10	15.486	176	1778896	23.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	236431	18.019	ng/ul	0.00
73) Anthracene-d10	17.333	188	2290264	19.162	ng/ul	0.00
81) Pyrene-d10	19.615	212	2897987	23.482	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.303	264	2356414	23.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	12645	1.089	ng/uL#	89
5) Pyridine	3.734	79	147302	4.152	ng/ul#	84
6) Benzaldehyde	7.004	77	111492m	5.180	ng/ul	
8) Phenol	7.046	94	161299	3.853	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	142160	4.295	ng/ul	98
12) 2-Chlorophenol	7.434	128	131840	4.110	ng/ul	98
13) 2-Methylphenol	8.304	108	103750	3.293	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.398	45	211009	4.350	ng/ul	98
16) Acetophenone	8.687	105	212924	4.140	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	114954	4.211	ng/ul	95
18) 4-Methylphenol	8.628	108	121417	3.529	ng/ul	100
19) Hexachloroethane	8.957	117	59454	4.314	ng/ul	98
22) Nitrobenzene	9.063	77	163570	4.332	ng/ul	100
23) Isophorone	9.592	82	303433	4.030	ng/ul	98
25) 2-Nitrophenol	9.775	139	67731	4.104	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	51218	1.443	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.075	93	192198	4.218	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	114181	3.880	ng/ul	97
30) Naphthalene	10.716	128	450540	4.179	ng/ul	99
32) 4-Chloroaniline	10.816	127	176772	3.782	ng/ul	99
33) Hexachlorobutadiene	11.016	225	73658	4.196	ng/ul	98
34) Caprolactam	11.586	113	37781m	3.333	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	115987	3.500	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	292468	3.947	ng/ul	98
37) 1-Methylnaphthalene	12.545	142	300045	4.007	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.692	216	138425	3.834	ng/ul	95
40) Hexachlorocyclopentadiene	12.680	237	106325	4.283	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	75194	3.394	ng/ul	98
42) 2,4,5-Trichlorophenol	12.992	196	84473	3.508	ng/ul	92
43) 1,1'-Biphenyl	13.333	154	381265	3.977	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	296867	4.038	ng/ul	99
45) 2-Nitroaniline	13.563	65	80664	3.772	ng/ul	95
47) Dimethylphthalate	13.951	163	374860	4.129	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	61328	3.701	ng/ul	94
50) Acenaphthylene	14.222	152	499745	4.286	ng/ul	99
51) 3-Nitroaniline	14.386	138	63314	3.273	ng/ul	97
52) Acenaphthene	14.563	153	335117	4.045	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	48089	5.275	ng/ul	91
55) 4-Nitrophenol	14.680	109	61628	4.133	ng/ul	95
56) Dibenzofuran	14.898	168	436294	4.052	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	91303	3.827	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.116	232	64564	3.484	ng/ul	93
59) Diethylphthalate	15.316	149	379356	3.949	ng/ul	99
61) Fluorene	15.545	166	376147	4.003	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	174465	4.010	ng/ul	96
63) 4-Nitroaniline	15.539	138	66348	3.466	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.604	198	52927	3.569	ng/ul#	88
67) N-Nitrosodiphenylamine	15.745	169	288481	3.739	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	98043	3.818	ng/ul	97
69) Hexachlorobenzene	16.545	284	113185	3.858	ng/ul	97
70) Atrazine	16.692	200	96378	3.556	ng/ul	97
71) Pentachlorophenol	16.880	266	92856	5.029	ng/ul	98
72) Phenanthrene	17.274	178	556538	3.930	ng/ul	99
74) Anthracene	17.368	178	486554	3.394	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	133385	3.696	ng/uL	99
76) Pentachlorobenzene	14.816	250	141656	3.974	ng/uL	98
77) Carbazole	17.627	167	481926	3.676	ng/ul	100
78) Di-n-butylphthalate	18.210	149	624583	3.696	ng/ul	99
80) Fluoranthene	19.280	202	576194	3.961	ng/ul	98
82) Pyrene	19.645	202	645465	4.163	ng/ul	99
83) Butylbenzylphthalate	20.545	149	241369	3.410	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.362	252	135392	2.704	ng/ul	99
85) Benzo(a)anthracene	21.445	228	587448	3.884	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	369141	3.440	ng/ul	99
87) Chrysene	21.503	228	544420	3.901	ng/ul	99
89) Di-n-octyl phthalate	22.545	149	548704	3.641	ng/ul	100
90) Benzo(b)fluoranthene	23.544	252	503218	4.155	ng/ul	98
91) Benzo(k)fluoranthene	23.609	252	507294	4.265	ng/ul	98
93) Benzo(a)pyrene	24.368	252	465241	4.182	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.956	276	468331	3.433	ng/ul	98
95) Dibenzo(a,h)anthracene	28.015	278	393041	3.538	ng/ul	96
96) Benzo(g,h,i)perylene	29.015	276	372605	3.575	ng/ul	98

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

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