Quantitation Report (Qedit)

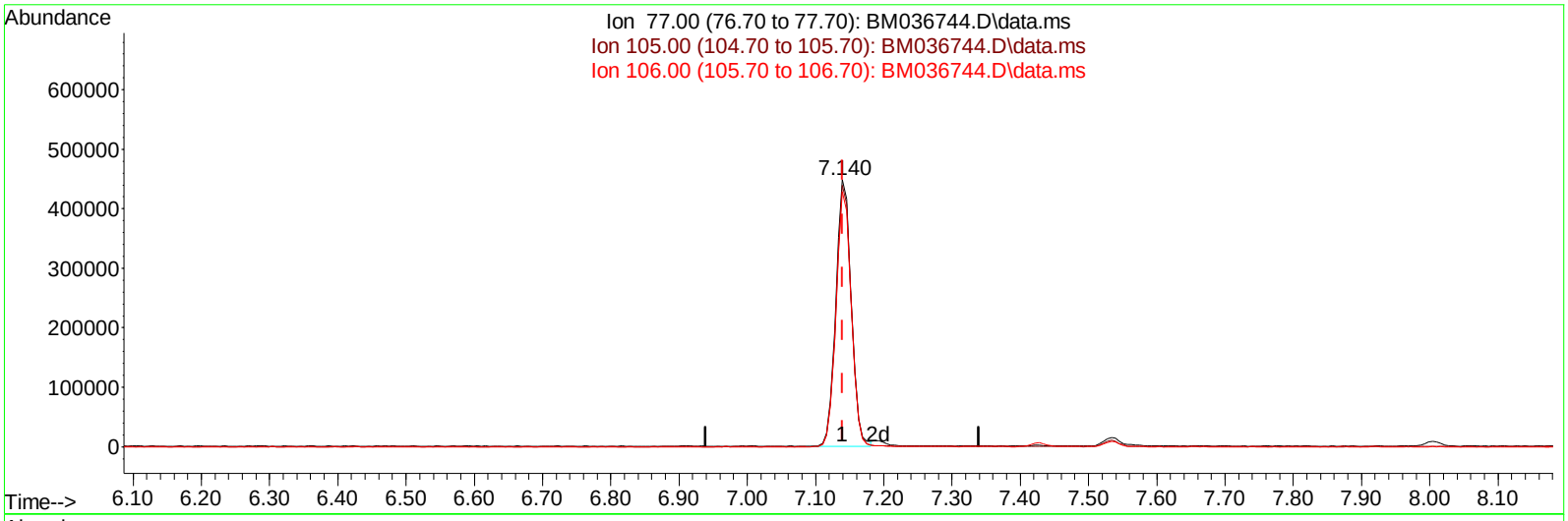
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036744.D
Acq On : 26 Sep 2022 14:19
Operator : CG/JU
Sample : PB147828BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

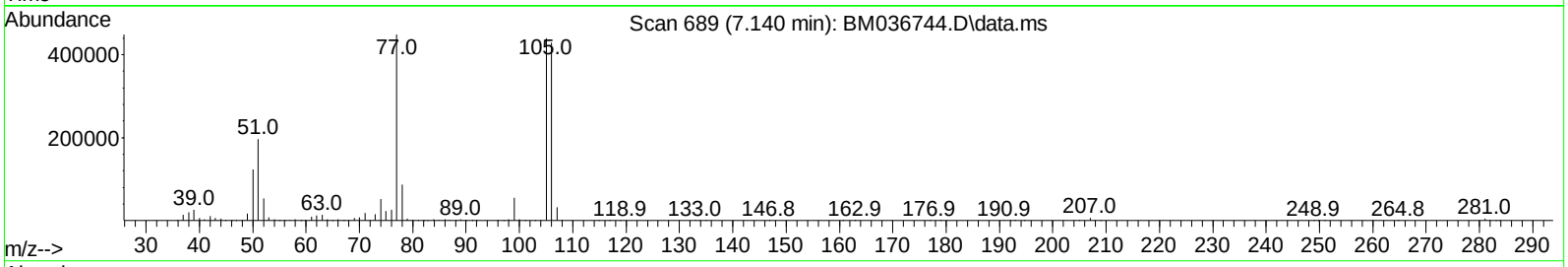
Quant Time: Sep 26 23:13:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

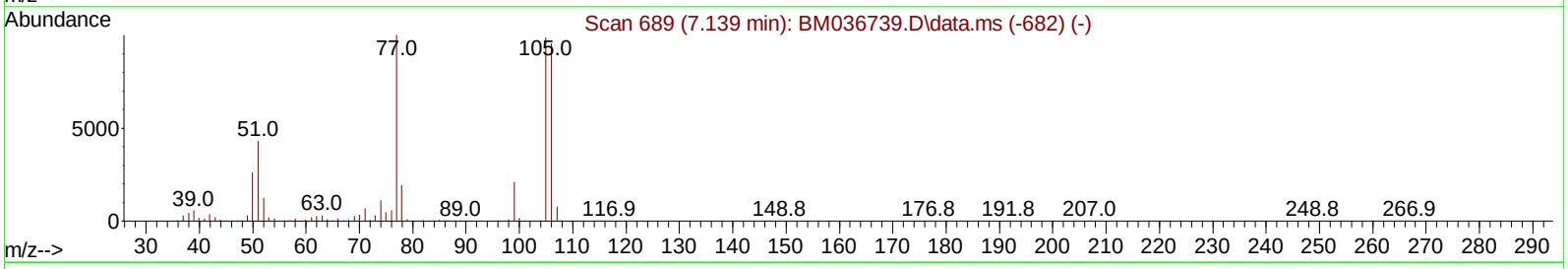
Instrument :
BNA_M
ClientSampleId :
SLCS828

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/27/2022
Supervised By :mohammad ahmed 09/28/2022







TIC: BM036744.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 47.48 ng/ul

response 699450

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.05
106.00	91.30	95.62
0.00	0.00	0.00

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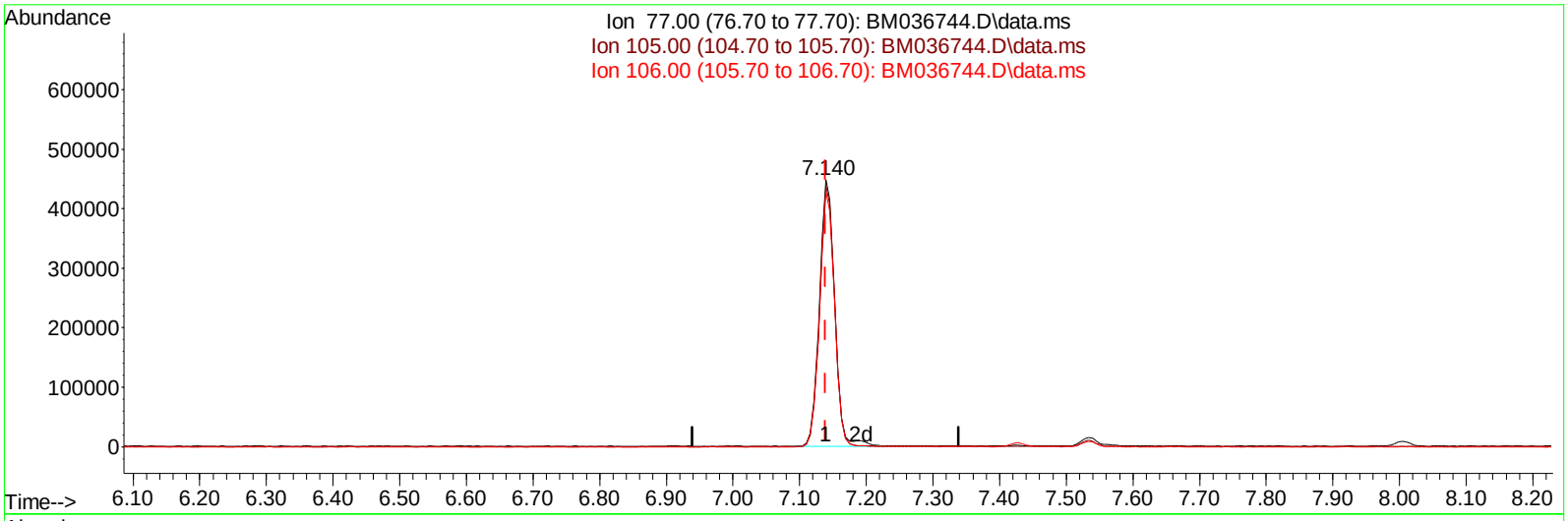

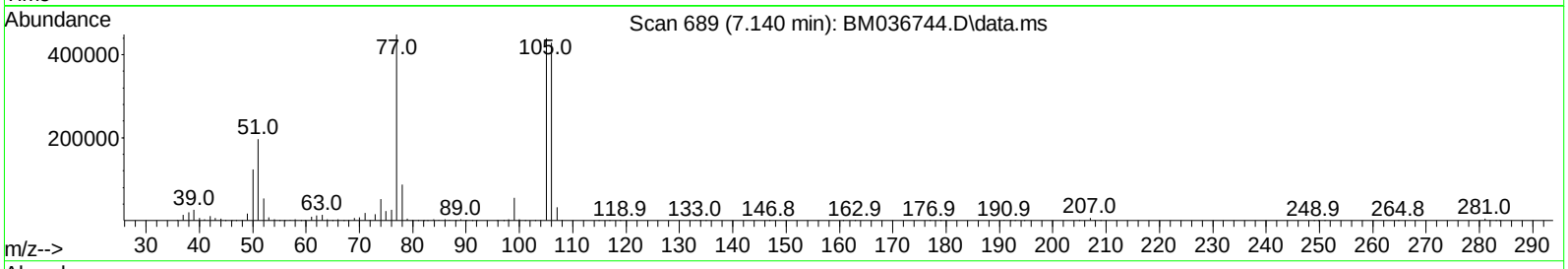

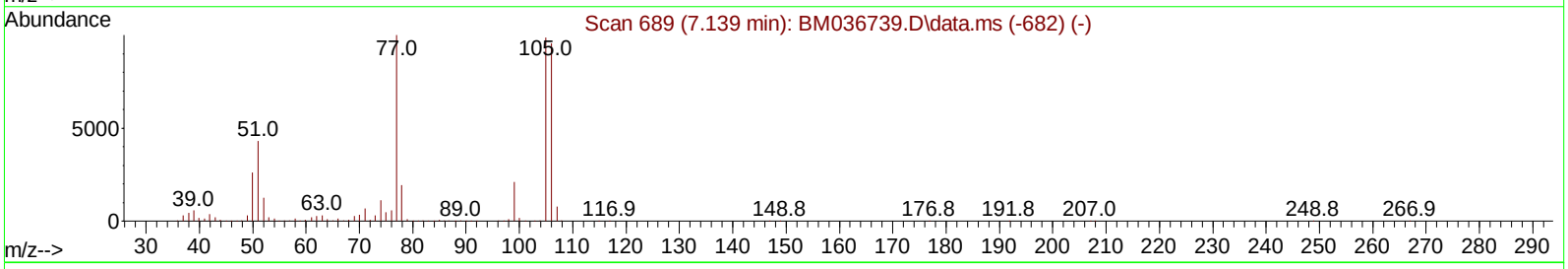

TIC: BM036744.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 48.45 ng/ul m

response 713711

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.05
106.00	91.30	95.62
0.00	0.00	0.00

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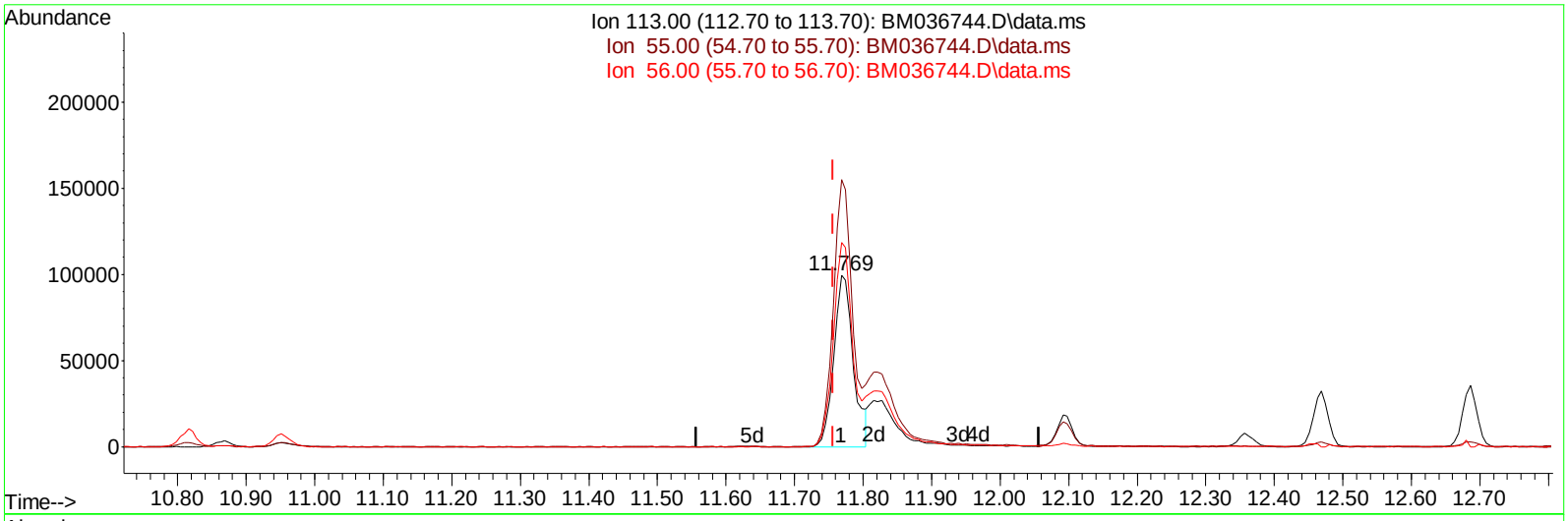

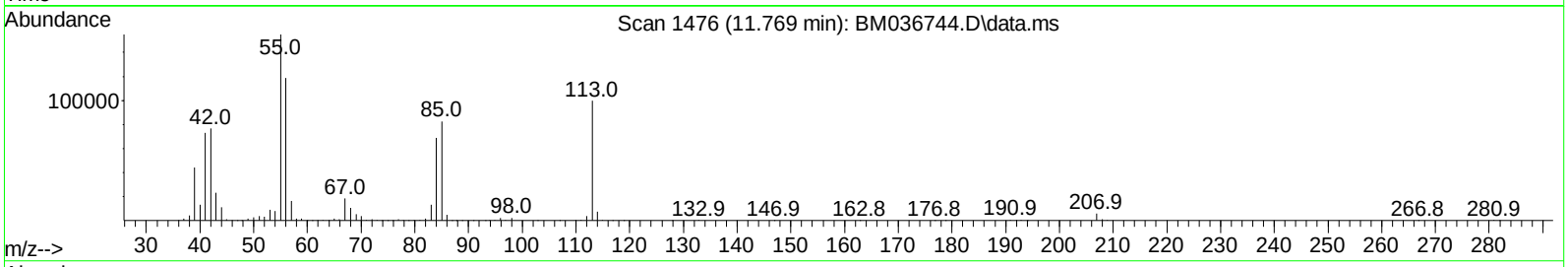

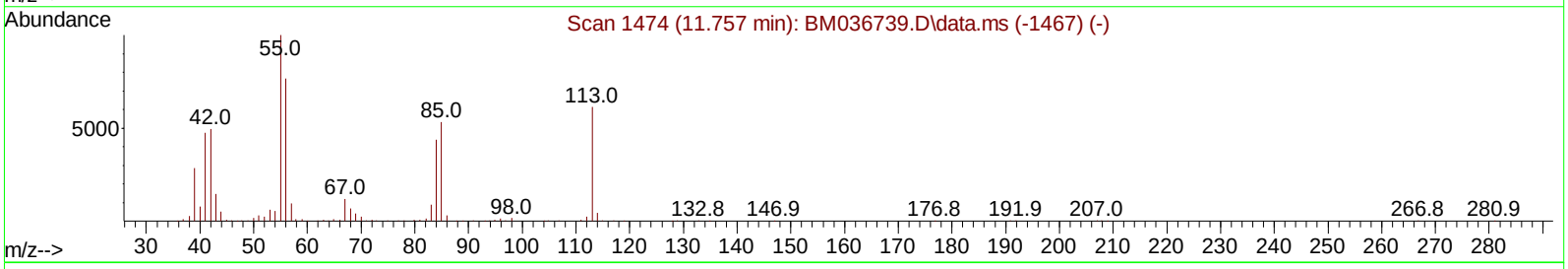

TIC: BM036744.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 28.24 ng/ul

response 196458

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	155.41
56.00	118.30	118.93
0.00	0.00	0.00

Quantitation Report (Qedit)

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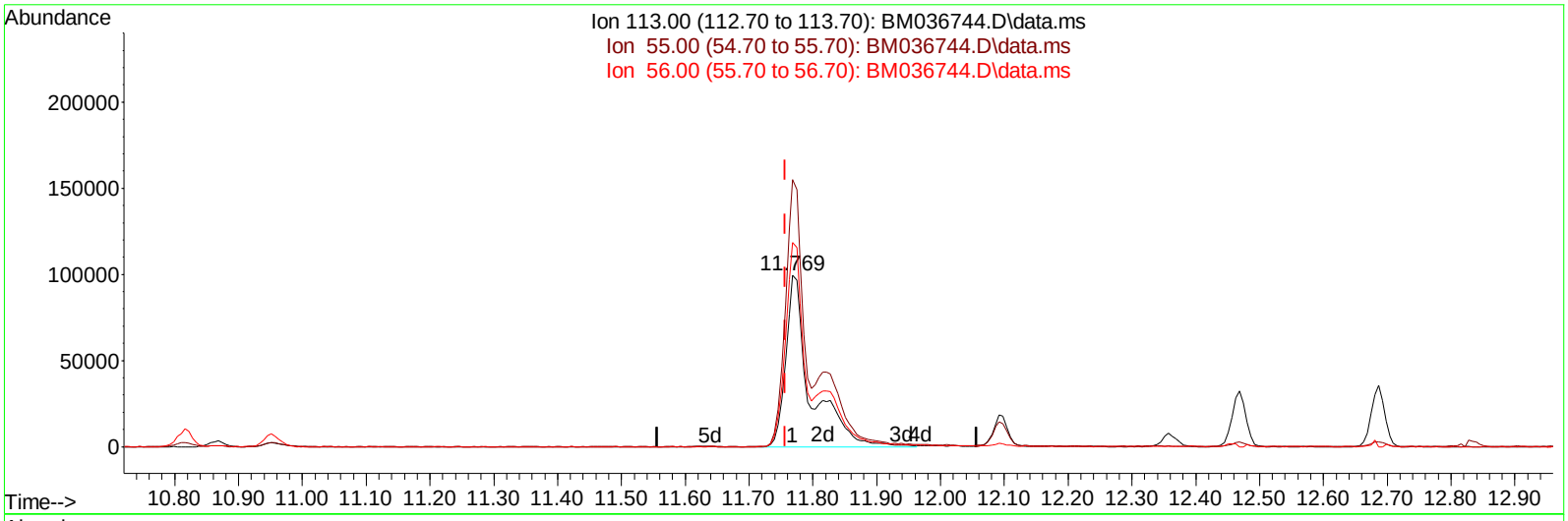

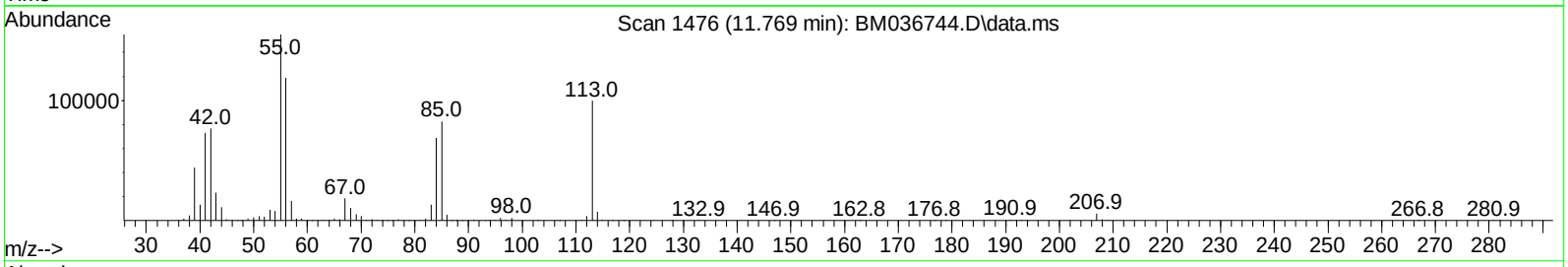

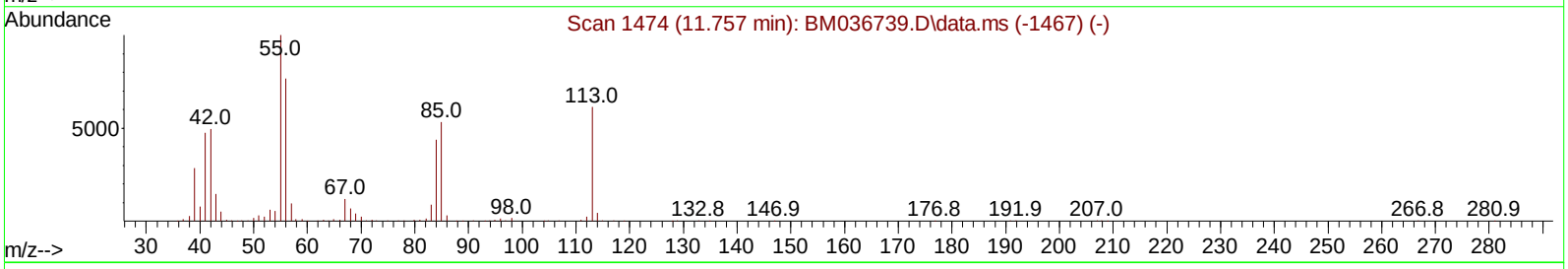

TIC: BM036744.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 39.24 ng/ul m

response 273031

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	155.41
56.00	118.30	118.93
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.004	152	340423	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1452179	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	891392	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1756056	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1469995	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1179522	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	60780	6.693	ng/uL	0.00
4) Pyridine-d5	3.810	84	790727	29.857	ng/ul	0.00
7) Phenol-d5	7.163	99	1151953	37.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	695013	37.619	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	886090	40.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	894870	39.810	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	433504	44.104	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	428907	48.716	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	836895	41.017	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1112738	32.802	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2357557	39.215	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2863857	40.160	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	430649	36.932	ng/ul	0.00
60) Fluorene-d10	15.615	176	2083230	38.667	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	311635	44.854	ng/ul	0.00
73) Anthracene-d10	17.468	188	3072737	38.270	ng/ul	0.00
81) Pyrene-d10	19.750	212	3332679	46.084	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2363332	41.011	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	127298	13.013	ng/uL	99
5) Pyridine	3.834	79	912755	34.304	ng/ul	96
6) Benzaldehyde	7.140	77	713711m	48.448	ng/ul	
8) Phenol	7.192	94	1240319	37.987	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	946717	37.267	ng/ul	99
12) 2-Chlorophenol	7.569	128	935653	39.492	ng/ul	97
13) 2-Methylphenol	8.451	108	903239	37.636	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1115400	37.045	ng/ul	98
16) Acetophenone	8.834	105	1435838	36.826	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	725437	38.559	ng/ul	97
18) 4-Methylphenol	8.781	108	994669	38.328	ng/ul	98
19) Hexachloroethane	9.092	117	362486	37.773	ng/ul	95
22) Nitrobenzene	9.216	77	1083745	41.528	ng/ul	98
23) Isophorone	9.745	82	2007640	37.730	ng/ul	100
25) 2-Nitrophenol	9.928	139	487787	44.857	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	1007338	37.559	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	1229825	38.777	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	857882	39.994	ng/ul	98
30) Naphthalene	10.869	128	2975769	37.616	ng/ul	100
32) 4-Chloroaniline	10.975	127	1204460	34.390	ng/ul	99
33) Hexachlorobutadiene	11.151	225	477010	36.360	ng/ul	98
34) Caprolactam	11.769	113	273031m	39.240	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	963316	40.684	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	2005467	38.048	ng/ul	99
37) 1-Methylnaphthalene	12.686	142	2021856	38.157	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	953448	37.790	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	429930	32.698	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	626608	40.562	ng/ul	97
42) 2,4,5-Trichlorophenol	13.139	196	686077	41.424	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	2550955	38.822	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1983411	38.466	ng/ul	100
45) 2-Nitroaniline	13.716	65	604399	47.623	ng/ul	98
47) Dimethylphthalate	14.092	163	2456676	38.522	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	480466	46.340	ng/ul	98
50) Acenaphthylene	14.357	152	3108149	38.122	ng/ul	99
51) 3-Nitroaniline	14.533	138	528754	42.521	ng/ul#	99
52) Acenaphthene	14.692	153	2171886	38.072	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	183737	39.938	ng/ul	99
55) 4-Nitrophenol	14.839	109	363890	36.506	ng/ul	97
56) Dibenzofuran	15.027	168	2910801	37.994	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	692525	45.944	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	559766	40.375	ng/ul	98
59) Diethylphthalate	15.451	149	2472172	38.724	ng/ul	100
61) Fluorene	15.674	166	2503026	38.361	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1182713	37.901	ng/ul	99
63) 4-Nitroaniline	15.698	138	518701	42.933	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	325341	41.497	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	2051186	39.659	ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	652772	37.714	ng/ul	97
69) Hexachlorobenzene	16.668	284	750888	36.679	ng/ul	94
70) Atrazine	16.833	200	678124	37.155	ng/ul	98
71) Pentachlorophenol	17.015	266	433568	35.654	ng/ul	99
72) Phenanthrene	17.409	178	3792147	39.205	ng/ul	99
74) Anthracene	17.504	178	3787237	38.521	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	994900	41.423	ng/uL	100
76) Pentachlorobenzene	14.945	250	881849	33.947	ng/uL	98
77) Carbazole	17.768	167	3396103	37.310	ng/ul	100
78) Di-n-butylphthalate	18.333	149	4215649	40.861	ng/ul	100
80) Fluoranthene	19.415	202	4112038	46.401	ng/ul	99
82) Pyrene	19.780	202	4272157	45.543	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1731861	48.723	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.450	252	1162301	40.466	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3621219	39.317	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	2668507	51.393	ng/ul#	99
87) Chrysene	21.574	228	3365872	38.501	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	4051839	56.980	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3164142	42.303	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	3123492	41.792	ng/ul	99
93) Benzo(a)pyrene	23.862	252	2679030	40.743	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	2845097	37.052	ng/ul	96
95) Dibenzo(a,h)anthracene	26.521	278	2554572	36.684	ng/ul	98
96) Benzo(g,h,i)perylene	27.285	276	2459193	36.942	ng/ul	98

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

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