Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
Data File : BM036769.D
Acq On : 27 Sep 2022 06:16
Operator : CG/JU
Sample : PB147898BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

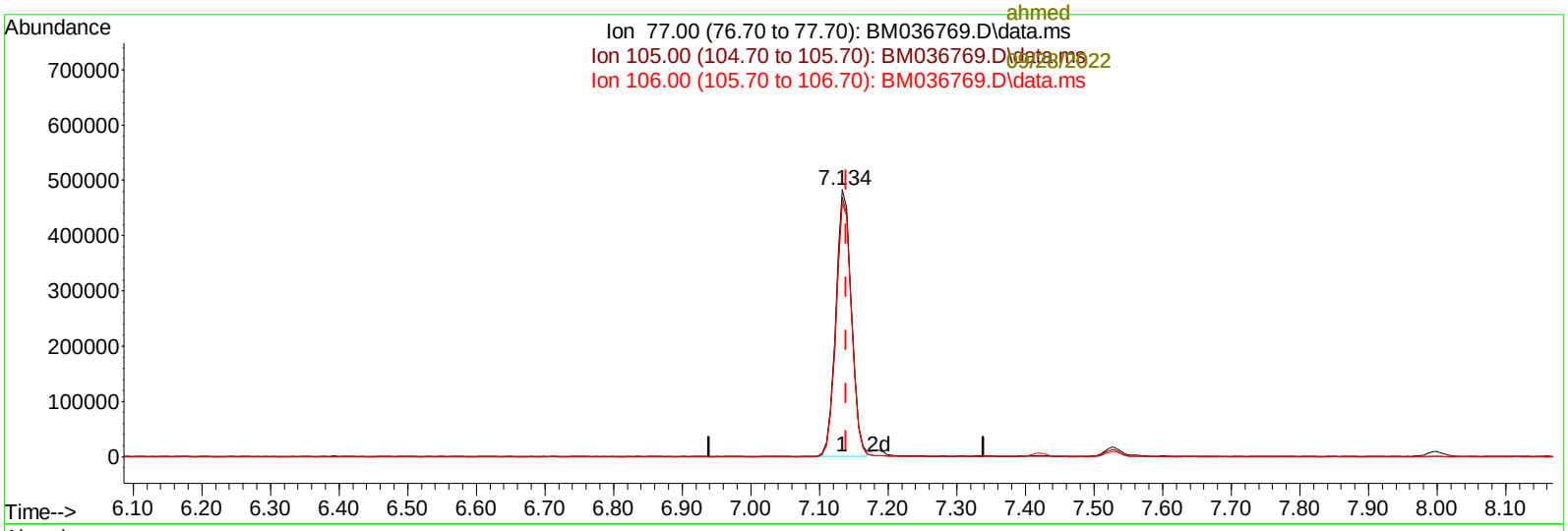
Quant Time: Sep 27 07:16:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 23:10:22 2022
Response via : Initial Calibration

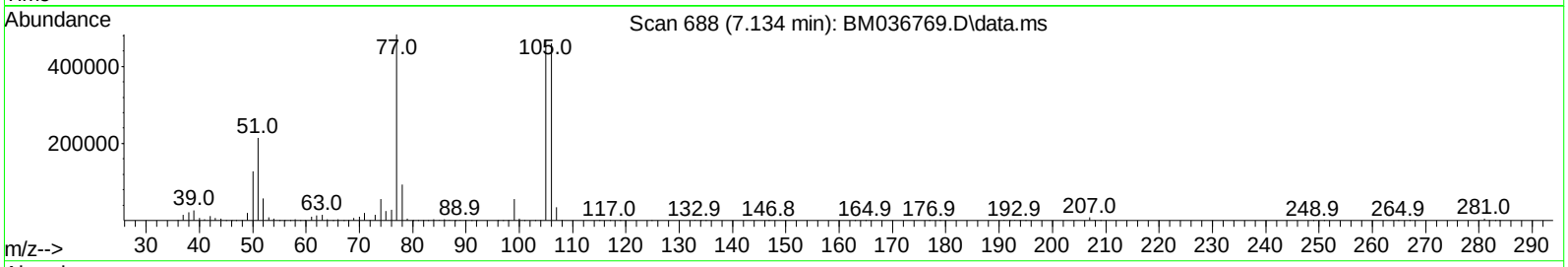
Instrument :
BNA_M
ClientSampleId :
SLCS898

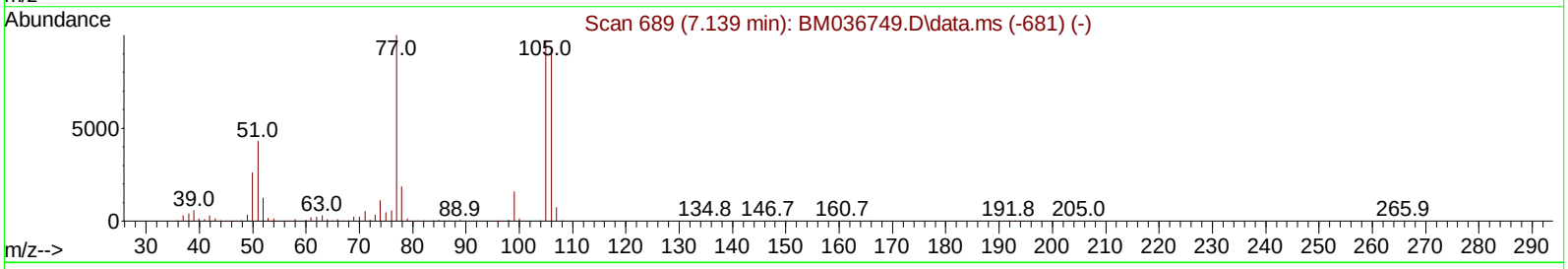
Manual IntegrationsAPPROVED

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

09/27/2022
Supervised By :mohammad ahmed
09/28/2022







TIC: BM036769.D\data.ms

(6) Benzaldehyde

7.134min (-0.006) 46.38 ng/ul

response 760430

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.15
106.00	91.30	95.23
0.00	0.00	0.00

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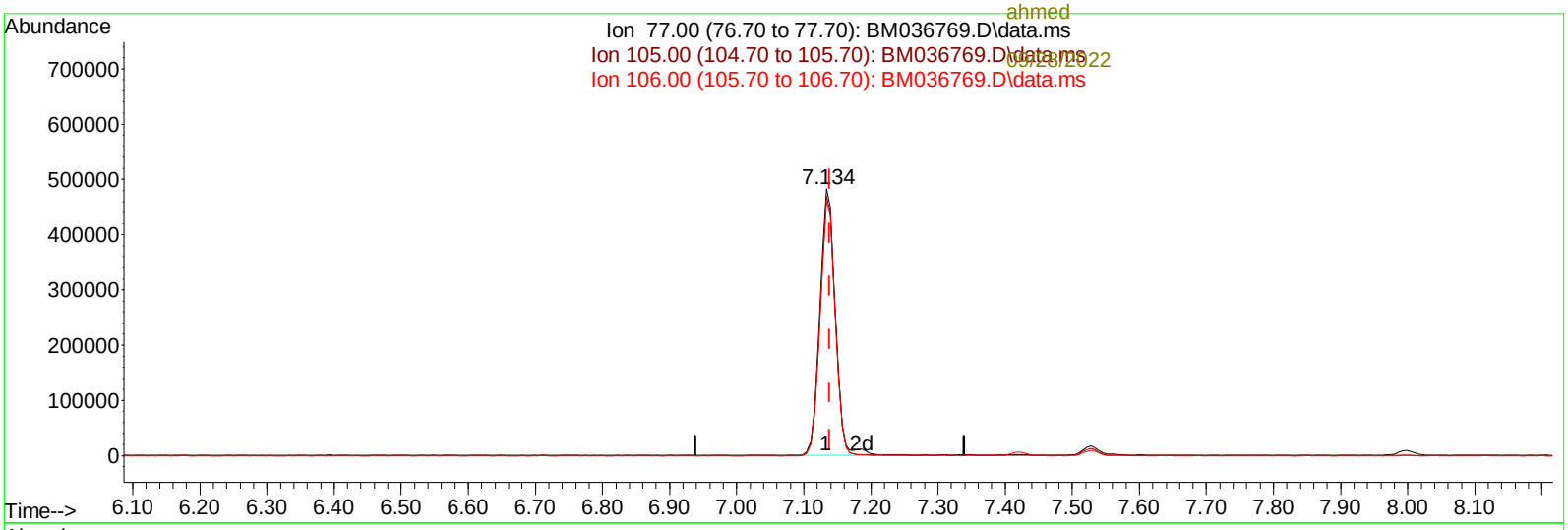

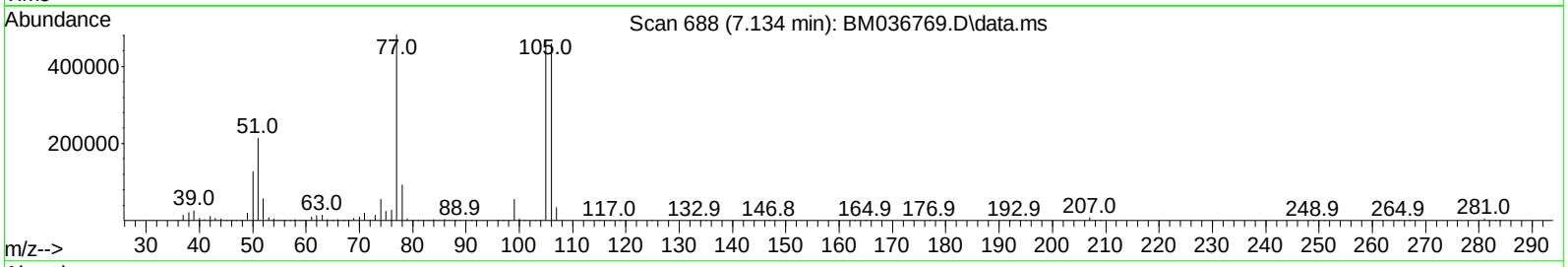

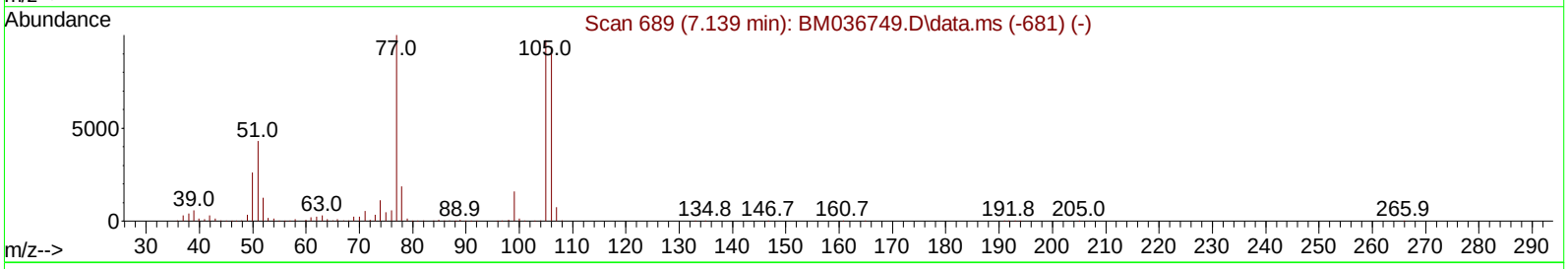

TIC: BM036769.D\data.ms

(6) Benzaldehyde

7.134min (-0.006) 47.60 ng/ul m

response 780478

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.15
106.00	91.30	95.23
0.00	0.00	0.00

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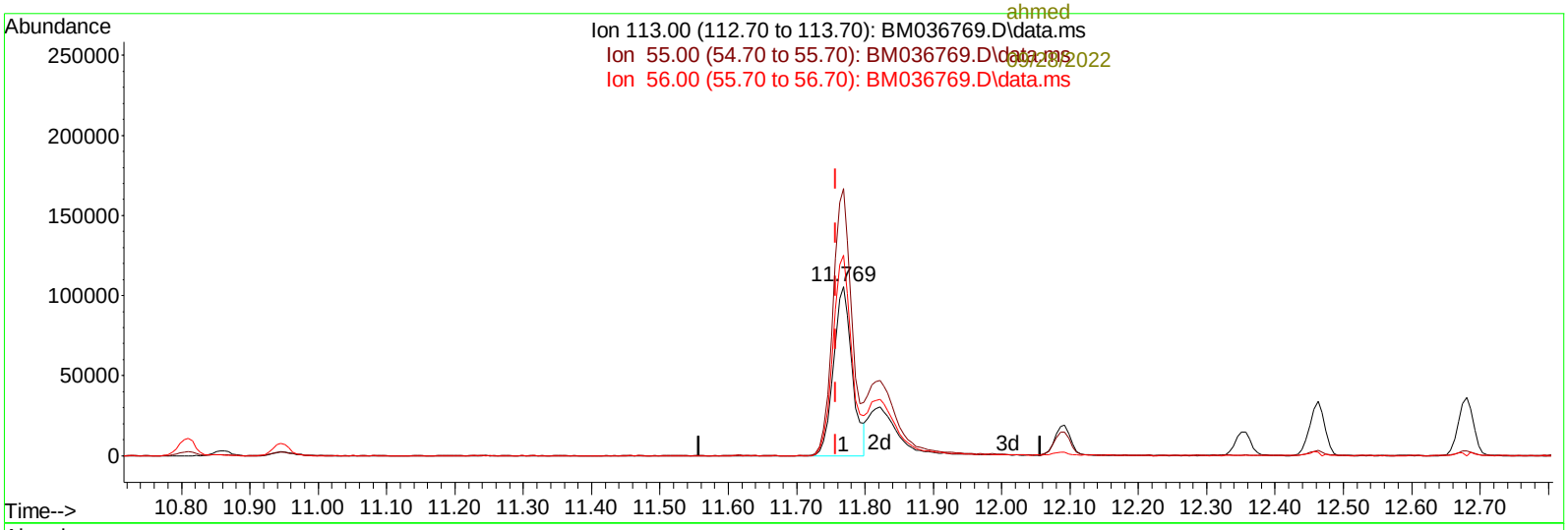

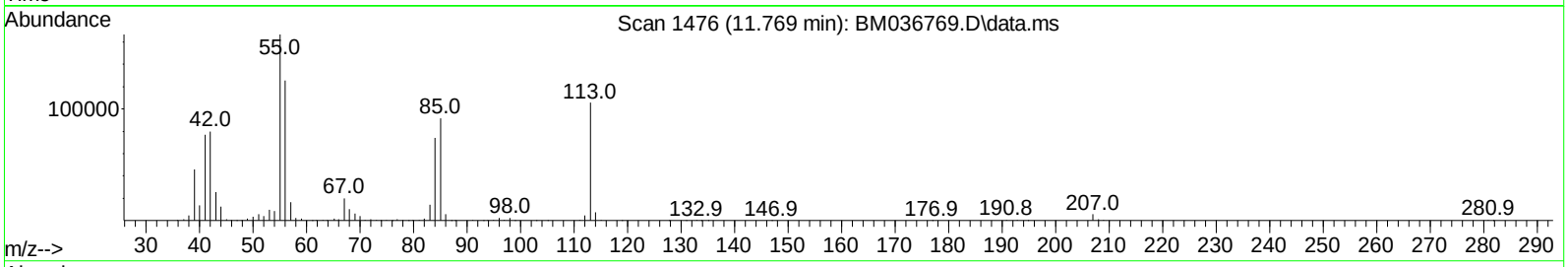

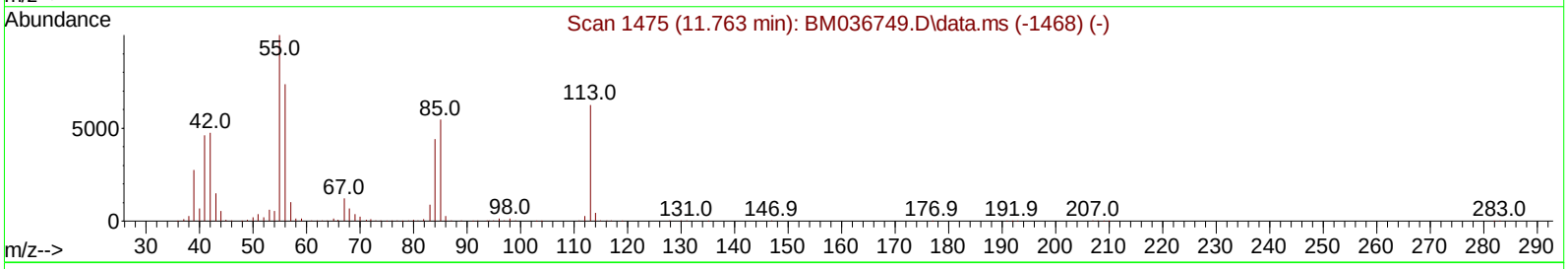

TIC: BM036769.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 25.54 ng/ul

response 200721

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	157.77
56.00	118.30	118.59
0.00	0.00	0.00

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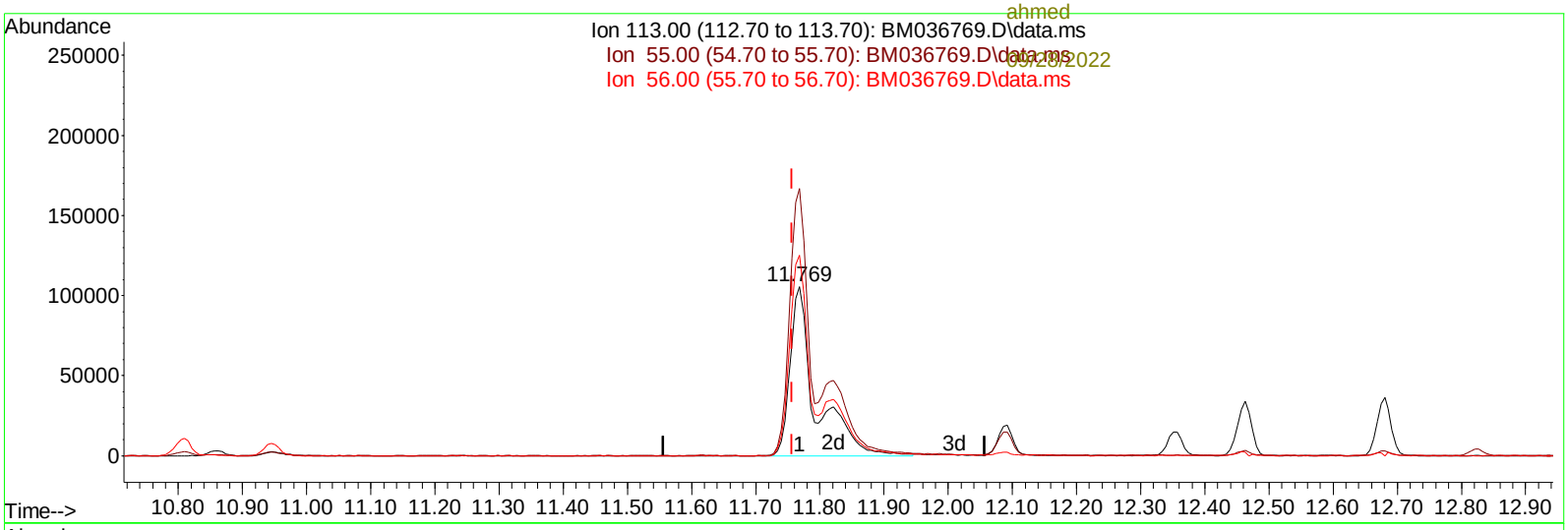

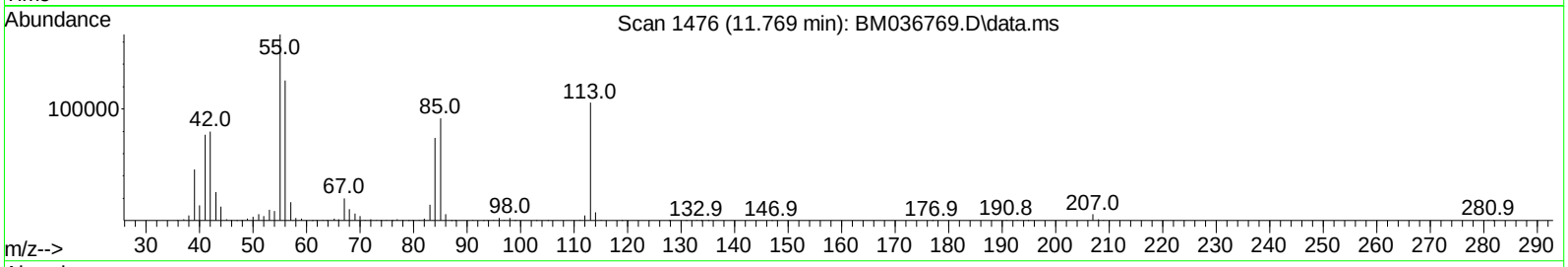

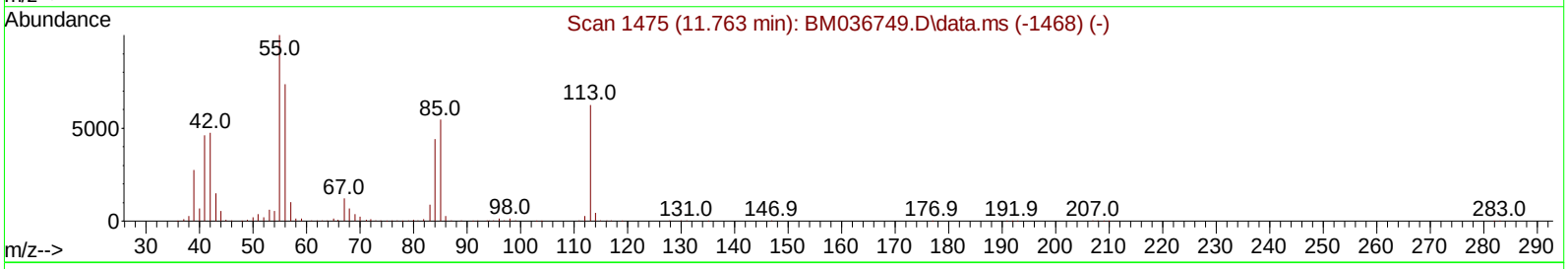

TIC: BM036769.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 36.98 ng/ul m

response 290699

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	157.77
56.00	118.30	118.59
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	378911	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	1640506	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	996589	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	1939502	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1621567	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1310143	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	65151	6.446	ng/uL	0.00
4) Pyridine-d5	3.810	84	869130	29.484	ng/ul	0.00
7) Phenol-d5	7.157	99	1323645	39.090	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	804418	39.118	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	1026002	42.086	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	1028574	41.110	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	505554	45.530	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	501192	50.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	958591	41.588	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	1225399	31.976	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	2680754	39.884	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	3282619	41.173	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	495486	38.007	ng/ul	0.00
60) Fluorene-d10	15.615	176	2372535	39.388	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	358868	46.767	ng/ul	0.00
73) Anthracene-d10	17.462	188	3532553	39.835	ng/ul	0.00
81) Pyrene-d10	19.745	212	3822302	47.914	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	2684550	41.941	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	134840	12.384	ng/uL	99
5) Pyridine	3.828	79	974698	32.911	ng/ul	96
6) Benzaldehyde	7.134	77	780478m	47.598	ng/ul	
8) Phenol	7.187	94	1356601	37.329	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	1034267	36.578	ng/ul	100
12) 2-Chlorophenol	7.557	128	1027000	38.944	ng/ul	100
13) 2-Methylphenol	8.445	108	979705	36.676	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1230812	36.726	ng/ul	99
16) Acetophenone	8.828	105	1561235	35.975	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	782749	37.380	ng/ul	97
18) 4-Methylphenol	8.775	108	1084043	37.529	ng/ul	98
19) Hexachloroethane	9.081	117	397530	37.217	ng/ul	99
22) Nitrobenzene	9.210	77	1184978	40.195	ng/ul	99
23) Isophorone	9.745	82	2173462	36.158	ng/ul	100
25) 2-Nitrophenol	9.922	139	541313	44.065	ng/ul	99
26) 2,4-Dimethylphenol	9.980	107	1125205	37.137	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	1339500	37.387	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	936027	38.628	ng/ul	99
30) Naphthalene	10.857	128	3241340	36.269	ng/ul	100
32) 4-Chloroaniline	10.969	127	1248839	31.564	ng/ul	100
33) Hexachlorobutadiene	11.145	225	521882	35.214	ng/ul	100
34) Caprolactam	11.769	113	290699m	36.983	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	1032219	38.589	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	12.463	142	2175331	36.533	ng/ul	100
37) 1-Methylnaphthalene	12.680	142	2197043	36.704	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.827	216	1035660	36.716	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	473141	32.186	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	689010	39.894	ng/ul	98
42) 2,4,5-Trichlorophenol	13.133	196	749748	40.490	ng/ul	100
43) 1,1'-Biphenyl	13.463	154	2743413	37.343	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	2138715	37.100	ng/ul	100
45) 2-Nitroaniline	13.710	65	652755	46.004	ng/ul	98
47) Dimethylphthalate	14.086	163	2628621	36.868	ng/ul	100
48) 2,6-Dinitrotoluene	14.204	165	524836	45.276	ng/ul	98
50) Acenaphthylene	14.351	152	3358260	36.842	ng/ul	100
51) 3-Nitroaniline	14.533	138	569990	40.999	ng/ul#	96
52) Acenaphthene	14.692	153	2347428	36.806	ng/ul	100
53) 2,4-Dinitrophenol	14.733	184	203619	39.587	ng/ul	97
55) 4-Nitrophenol	14.833	109	389574	34.957	ng/ul	96
56) Dibenzofuran	15.021	168	3151454	36.793	ng/ul	99
57) 2,4-Dinitrotoluene	14.986	165	746828	44.317	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.245	232	601443	38.802	ng/ul#	97
59) Diethylphthalate	15.445	149	2675296	37.483	ng/ul	99
61) Fluorene	15.668	166	2705707	37.090	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.662	204	1278893	36.657	ng/ul	98
63) 4-Nitroaniline	15.692	138	566208	41.918	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	361535	41.752	ng/ul	99
67) N-Nitrosodiphenylamine	15.874	169	2200592	38.523	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	630058	32.959	ng/ul	97
69) Hexachlorobenzene	16.668	284	810722	35.856	ng/ul	99
70) Atrazine	16.827	200	735293	36.477	ng/ul	98
71) Pentachlorophenol	17.009	266	474043	35.296	ng/ul	99
72) Phenanthrene	17.404	178	4050943	37.920	ng/ul	99
74) Anthracene	17.498	178	4097562	37.736	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	1074914	40.521	ng/uL	99
76) Pentachlorobenzene	14.939	250	958414	33.405	ng/uL	100
77) Carbazole	17.762	167	3665458	36.460	ng/ul	99
78) Di-n-butylphthalate	18.327	149	4601055	40.378	ng/ul	99
80) Fluoranthene	19.409	202	4442933	45.449	ng/ul	99
82) Pyrene	19.774	202	4624768	44.693	ng/ul	98
83) Butylbenzylphthalate	20.668	149	1929530	49.210	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.444	252	1212056	38.254	ng/ul	98
85) Benzo(a)anthracene	21.515	228	3963021	39.006	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	2987171	52.153	ng/ul	99
87) Chrysene	21.568	228	3645787	37.805	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	4570260	57.862	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3431003	41.297	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	3254768	39.206	ng/ul	99
93) Benzo(a)pyrene	23.856	252	2837768	38.854	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.497	276	3047231	35.727	ng/ul	95
95) Dibenzo(a,h)anthracene	26.509	278	2748596	35.535	ng/ul	99
96) Benzo(g,h,i)perylene	27.273	276	2646206	35.788	ng/ul	99

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

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