Quantitation Report (Qedit)

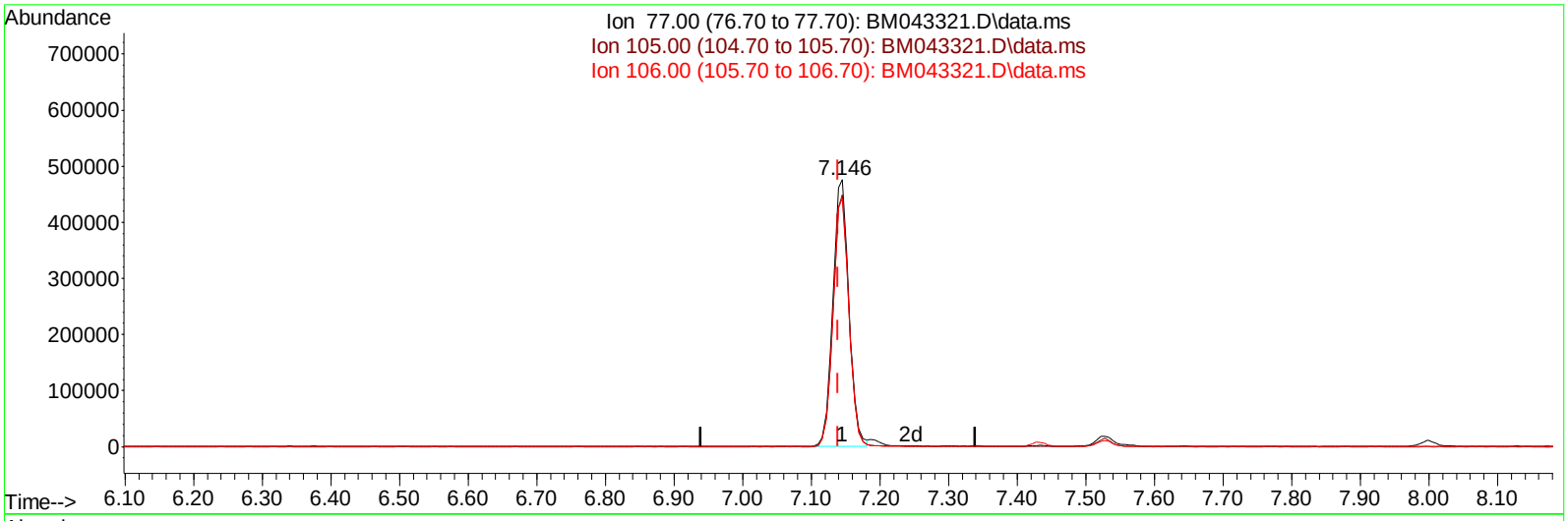
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043321.D
Acq On : 14 Dec 2023 03:00
Operator : MA/JU
Sample : PB157638BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

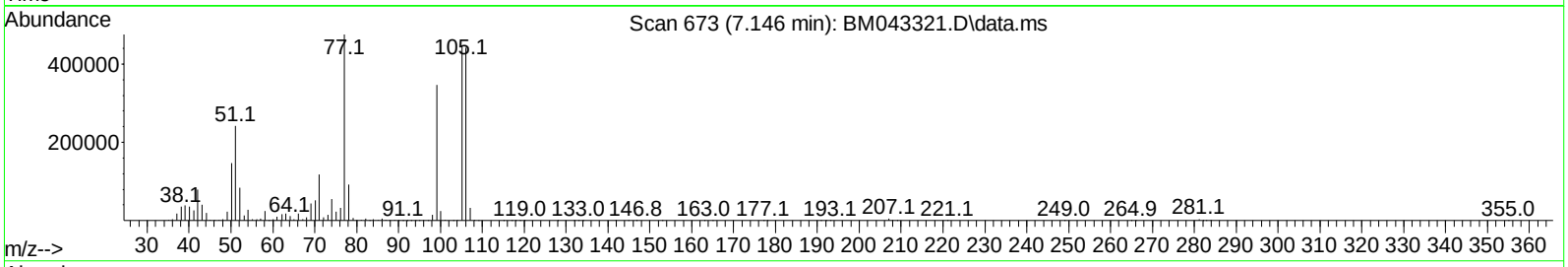
Quant Time: Dec 14 03:30:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

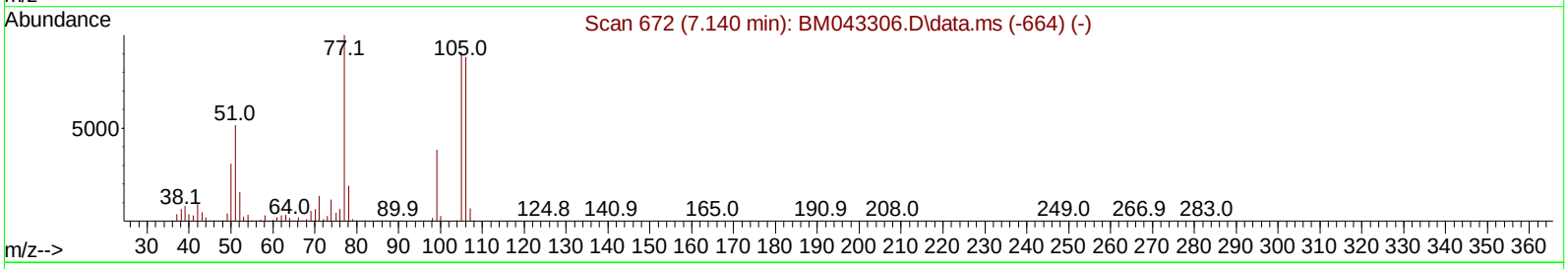
Instrument :
BNA_M
ClientSampleId :
SLCS638

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023







TIC: BM043321.D\data.ms

(6) Benzaldehyde

7.146min (+ 0.006) 36.64 ng/ul

response 769646

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	94.34
106.00	93.30	92.94
0.00	0.00	0.00

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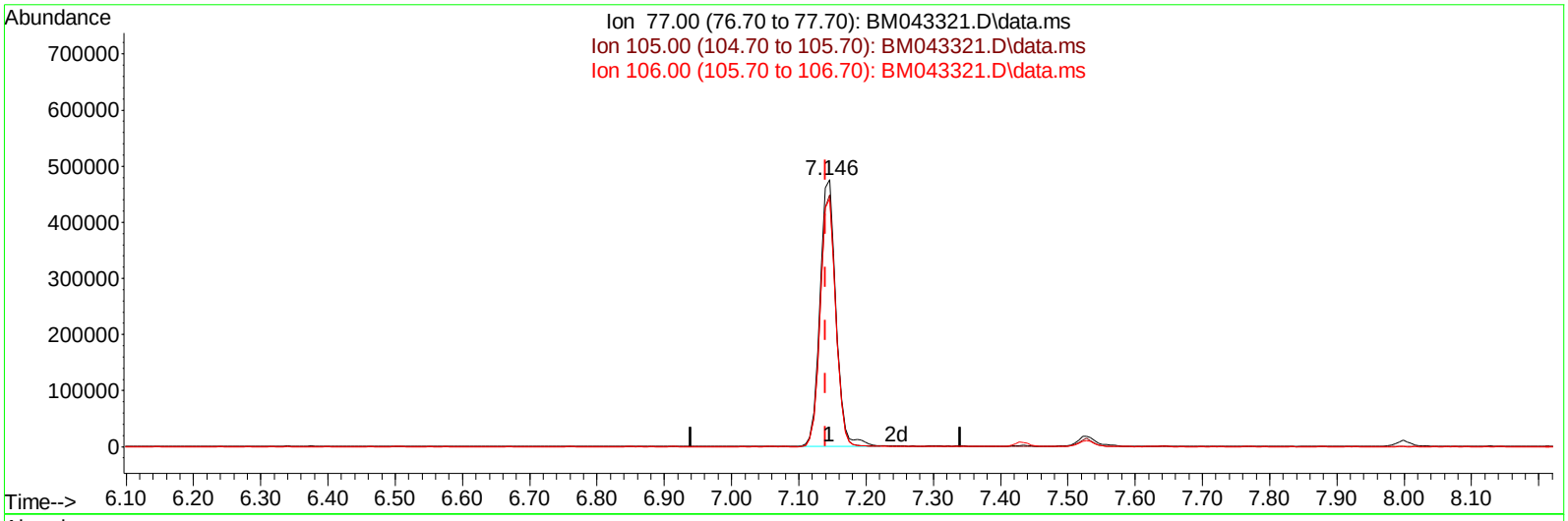

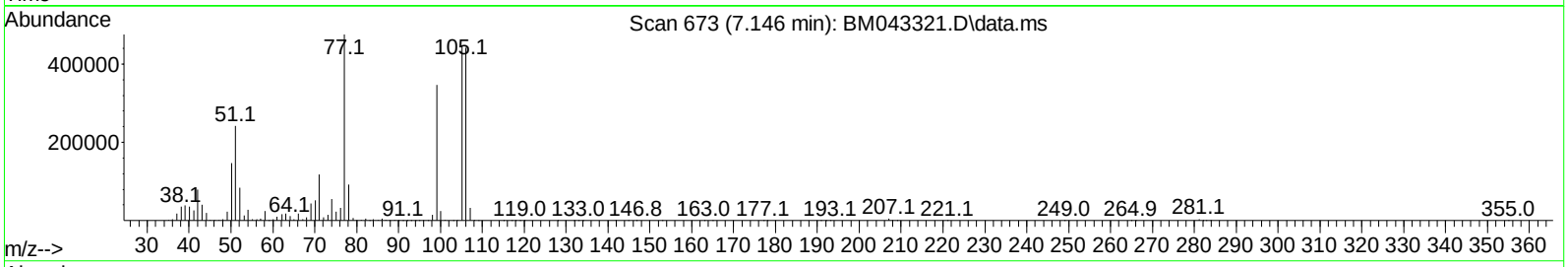

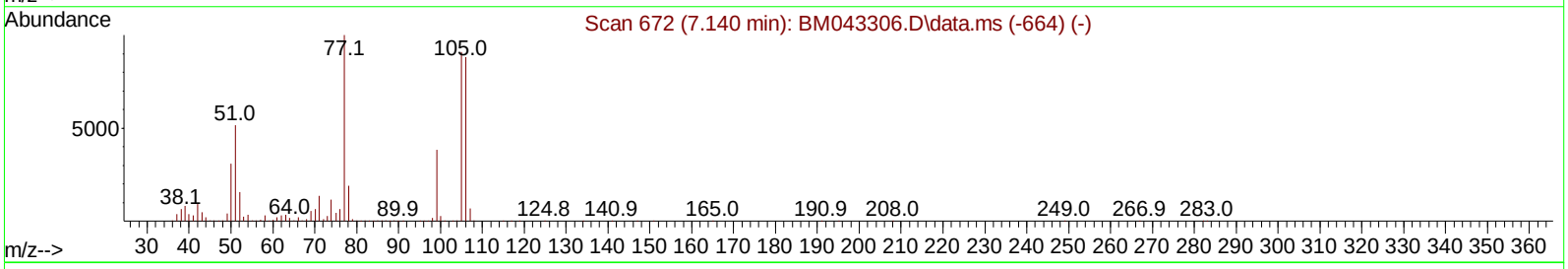

TIC: BM043321.D\data.ms

(6) Benzaldehyde

7.146min (+ 0.006) 37.46 ng/ul m

response 786919

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	94.34
106.00	93.30	92.94
0.00	0.00	0.00

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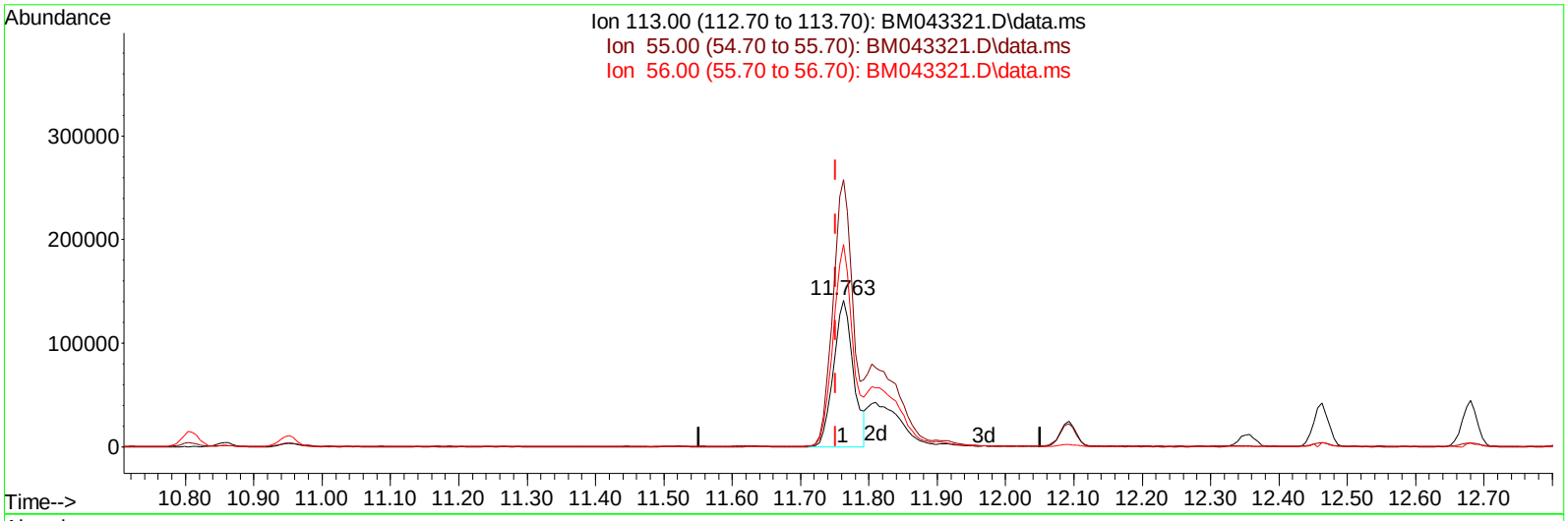

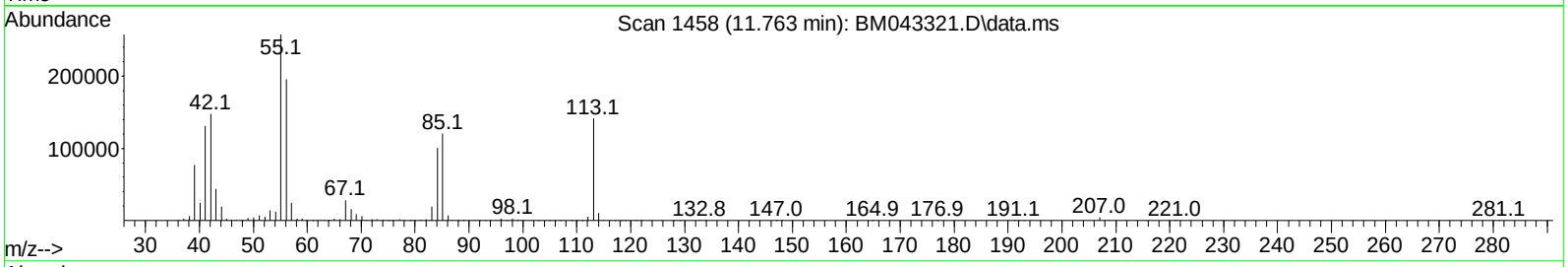

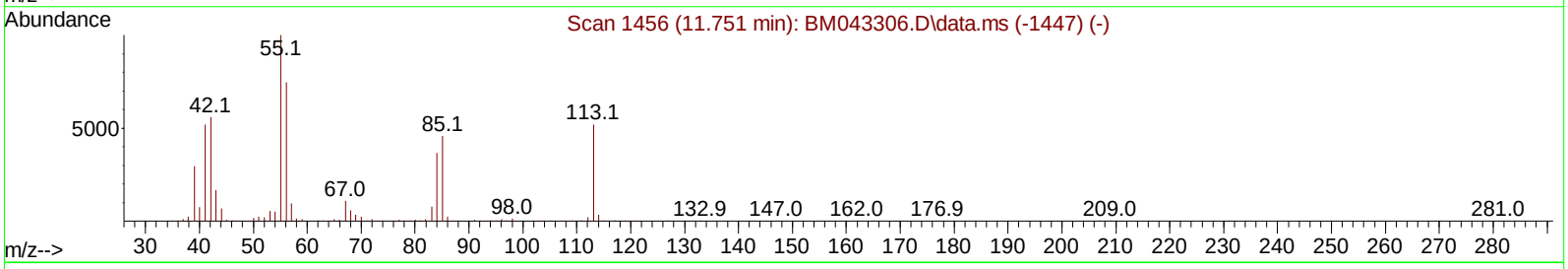

TIC: BM043321.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 28.11 ng/ul

response 285323

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	182.05
56.00	129.40	138.16
0.00	0.00	0.00

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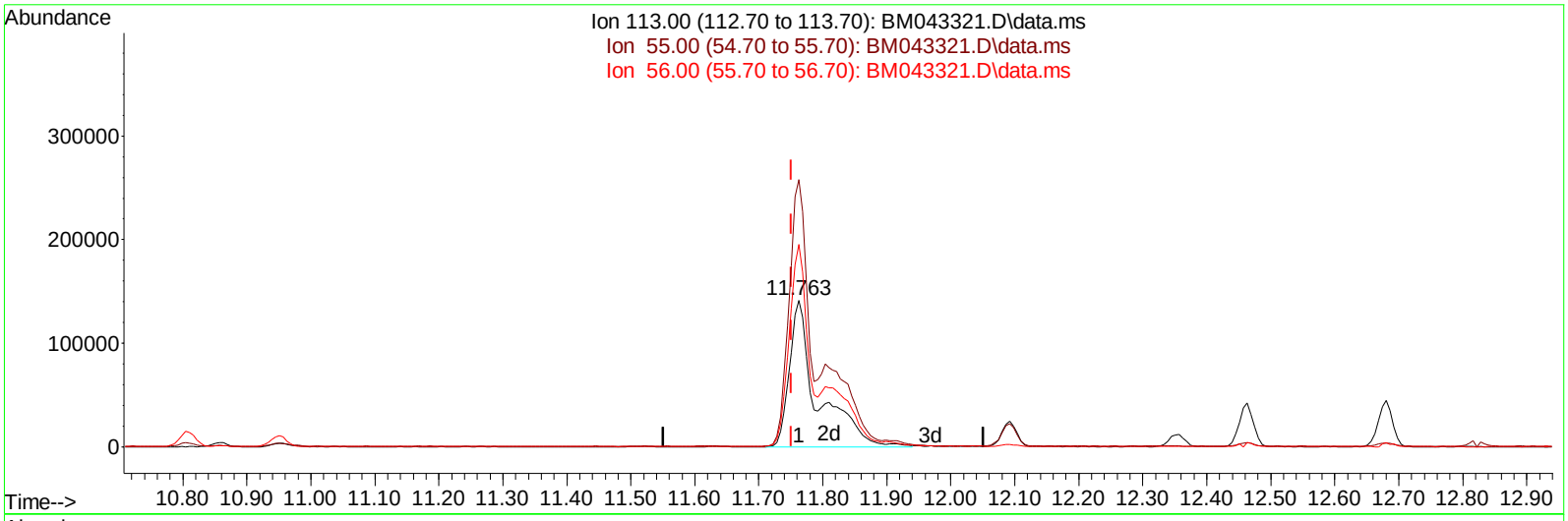

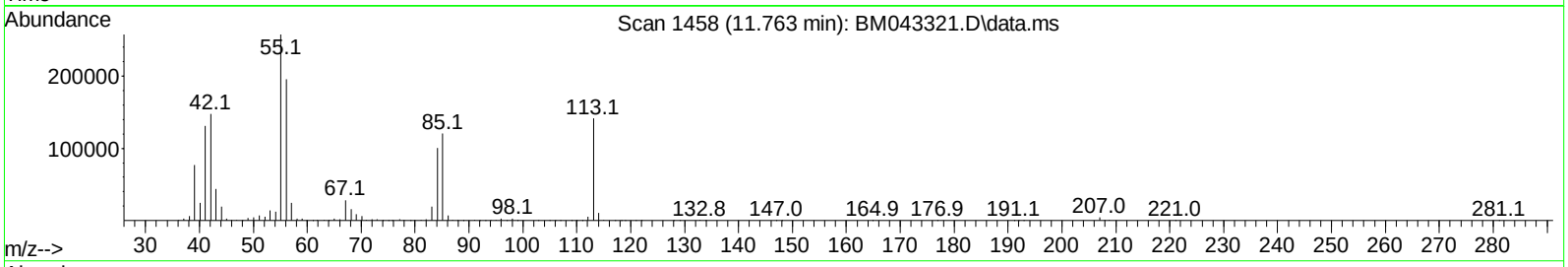

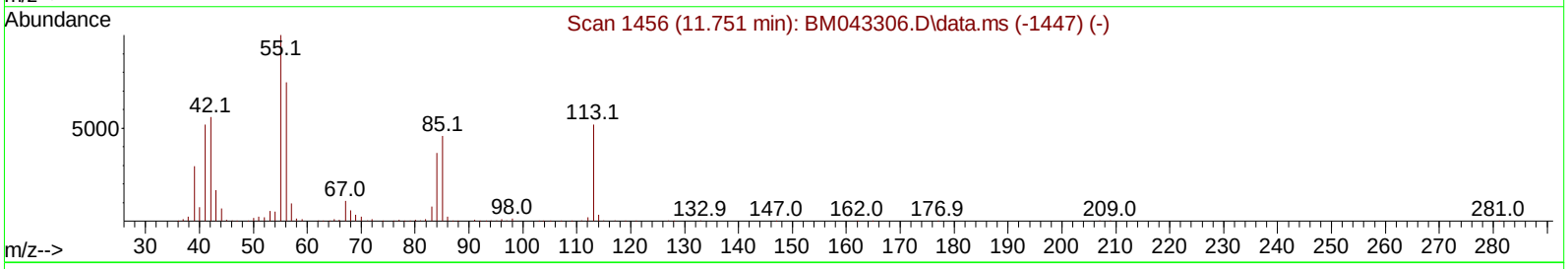

TIC: BM043321.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 42.69 ng/ul m

response 433256

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	182.05
56.00	129.40	138.16
0.00	0.00	0.00

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 14 03:31:46 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	411117	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	1919832	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1094440	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2109201	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.539	240	1460500	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264	1291103	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	69316	6.617	ng/uL	0.00
4) Pyridine-d5	3.816	84	1092629	35.154	ng/ul	0.00
7) Phenol-d5	7.163	99	1559910	38.219	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	960556	38.017	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	1172196	37.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1218222	37.728	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	602800	36.838	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	639764	40.545	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	1152752	32.776	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1633347	32.276	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3259423	33.974	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	3872171	34.887	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	645564	37.552	ng/ul	0.00
60) Fluorene-d10	15.616	176	2718307	32.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	312235	26.897	ng/ul	0.00
73) Anthracene-d10	17.468	188	3923857	34.387	ng/ul	0.00
81) Pyrene-d10	19.751	212	3906899	41.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	2669386	35.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	148154	12.876	ng/uL	94
5) Pyridine	3.834	79	1171887	36.685	ng/ul	99
6) Benzaldehyde	7.146	77	786919m	37.460	ng/ul	
8) Phenol	7.187	94	1592917	39.463	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.434	93	1255628	38.580	ng/ul	100
12) 2-Chlorophenol	7.563	128	1231141	39.002	ng/ul	99
13) 2-Methylphenol	8.445	108	1211303	38.807	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	2148789	39.710	ng/ul	99
16) Acetophenone	8.834	105	1891849	36.453	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	1062593	37.354	ng/ul	98
18) 4-Methylphenol	8.781	108	1313620	38.788	ng/ul	99
19) Hexachloroethane	9.075	117	505917	37.811	ng/ul#	81
22) Nitrobenzene	9.216	77	1519964	38.633	ng/ul	100
23) Isophorone	9.739	82	2986105	35.620	ng/ul	98
25) 2-Nitrophenol	9.922	139	694420	40.154	ng/ul	94
26) 2,4-Dimethylphenol	9.981	107	1216360	35.874	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	1770296	35.916	ng/ul	100
29) 2,4-Dichlorophenol	10.457	162	1132914	33.188	ng/ul	95
30) Naphthalene	10.857	128	4065425	34.500	ng/ul	99
32) 4-Chloroaniline	10.975	127	1385098	29.018	ng/ul	100
33) Hexachlorobutadiene	11.128	225	583107	27.414	ng/ul	99
34) Caprolactam	11.763	113	433256m	42.685	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	1316044	36.715	ng/ul	97

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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	2772210	32.699	ng/ul	99
37) 1-Methylnaphthalene	12.680	142	2737928	31.817	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	1165421	31.474	ng/ul#	96
40) Hexachlorocyclopentadiene	12.792	237	536927	25.555	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	814592	35.354	ng/ul	97
42) 2,4,5-Trichlorophenol	13.133	196	889895	35.486	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	3524347	36.402	ng/ul#	98
44) 2-Chloronaphthalene	13.510	162	2717303	36.207	ng/ul	97
45) 2-Nitroaniline	13.722	65	947387	47.771	ng/ul	95
47) Dimethylphthalate	14.092	163	3321613	35.300	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	687460	39.654	ng/ul	97
50) Acenaphthylene	14.351	152	4605156	36.710	ng/ul	99
51) 3-Nitroaniline	14.545	138	780800	40.596	ng/ul	94
52) Acenaphthene	14.692	153	2980580	36.021	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	197512	24.817	ng/ul#	83
55) 4-Nitrophenol	14.845	109	508413	40.900	ng/ul	95
56) Dibenzofuran	15.027	168	3869495	34.234	ng/ul	95
57) 2,4-Dinitrotoluene	14.998	165	976804	39.462	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.245	232	651298	31.246	ng/ul#	86
59) Diethylphthalate	15.451	149	3509442	37.079	ng/ul	97
61) Fluorene	15.674	166	3357571	34.315	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	1493333	30.893	ng/ul	91
63) 4-Nitroaniline	15.704	138	824717	42.677	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	346752	27.318	ng/ul#	89
67) N-Nitrosodiphenylamine	15.886	169	2716558	38.407	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	861372	33.772	ng/ul	94
69) Hexachlorobenzene	16.663	284	989986	32.712	ng/ul#	92
70) Atrazine	16.839	200	581524	29.154	ng/ul	95
71) Pentachlorophenol	17.010	266	539000	30.247	ng/ul	99
72) Phenanthrene	17.410	178	4894002	37.210	ng/ul	100
74) Anthracene	17.504	178	4927913	37.195	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	1181273	35.401	ng/uL	99
76) Pentachlorobenzene	14.939	250	1149594	33.901	ng/uL	97
77) Carbazole	17.774	167	4543548	41.749	ng/ul	98
78) Di-n-butylphthalate	18.339	149	6201034	43.805	ng/ul	99
80) Fluoranthene	19.415	202	5030741	46.929	ng/ul#	92
82) Pyrene	19.780	202	5154573	46.225	ng/ul#	94
83) Butylbenzylphthalate	20.686	149	2642311	59.569	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.456	252	1245109	35.871	ng/ul	98
85) Benzo(a)anthracene	21.521	228	4251121	37.964	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	4036982	57.655	ng/ul#	98
87) Chrysene	21.574	228	3805512	38.050	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	6410073	72.180	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3525103	38.267	ng/ul#	98
91) Benzo(k)fluoranthene	23.268	252	3386079	36.906	ng/ul#	97
93) Benzo(a)pyrene	23.850	252	3119892	36.641	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.480	276	3686273	38.007	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.503	278	3065560	37.801	ng/ul#	95
96) Benzo(g,h,i)perylene	27.256	276	2885773	39.492	ng/ul#	94

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

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