Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042784.D
Acq On : 16 Nov 2023 00:30
Operator : MA/JU
Sample : 05105-04MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

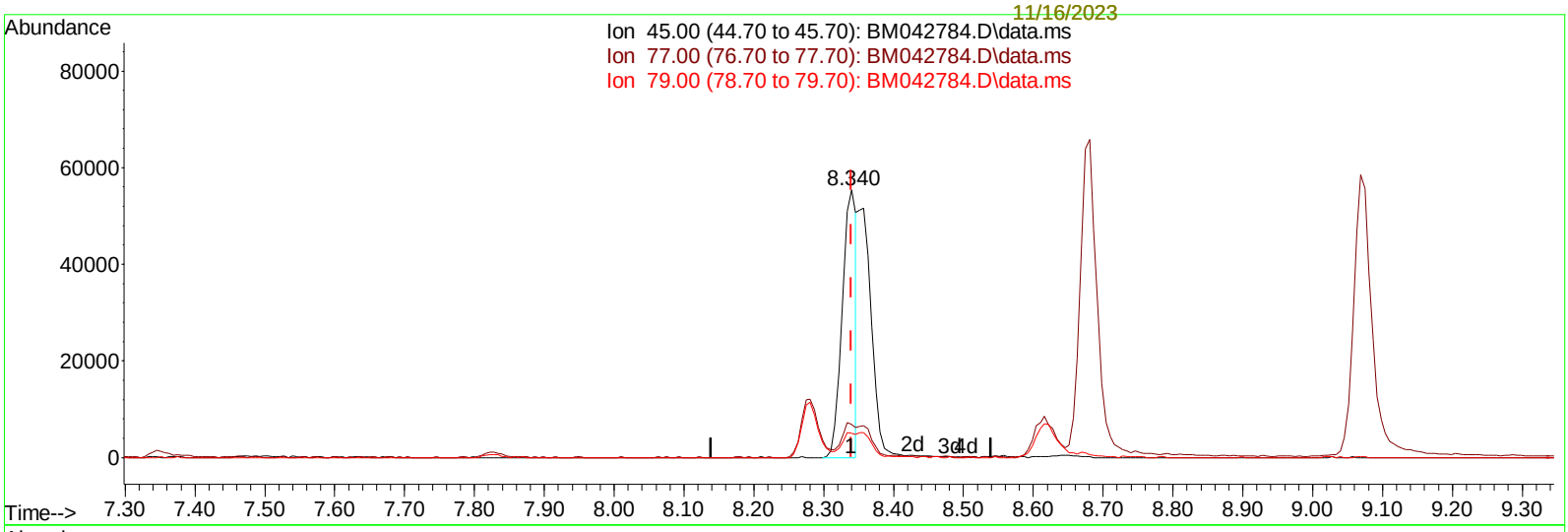
Quant Time: Nov 16 01:17:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

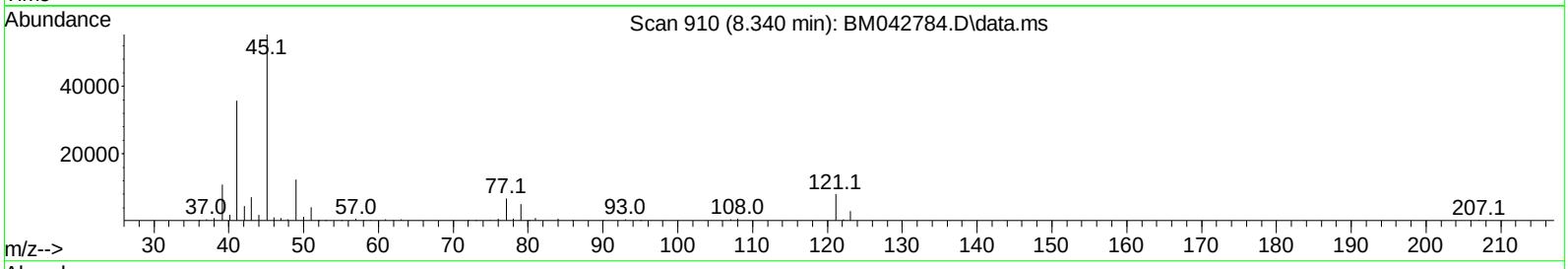
Instrument :
BNA_M
ClientSampleId :
E0007MS

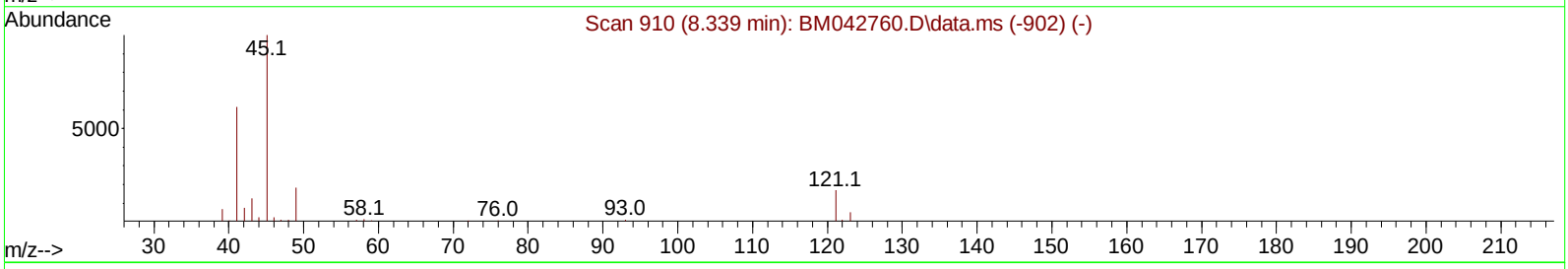
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/19/2023

Supervised By :Sohil Jodhani 11/16/2023







TIC: BM042784.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.340min (-0.000) 19.96 ng/ul

response 77357

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.32
79.00	10.20	9.15
0.00	0.00	0.00

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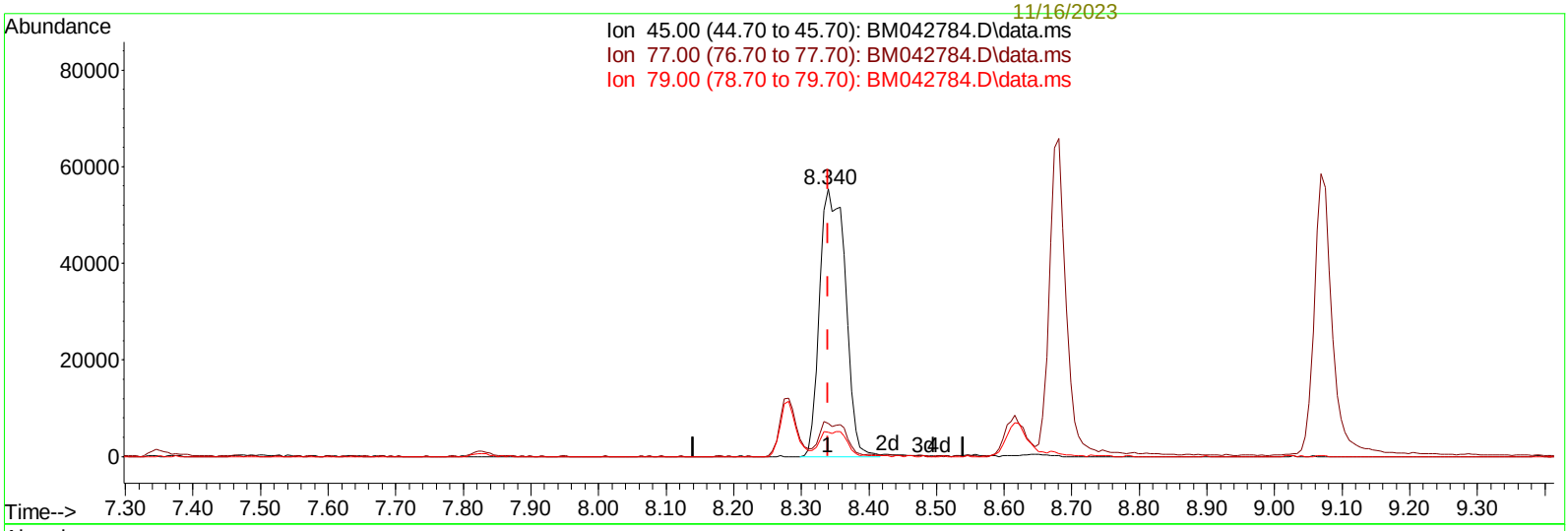

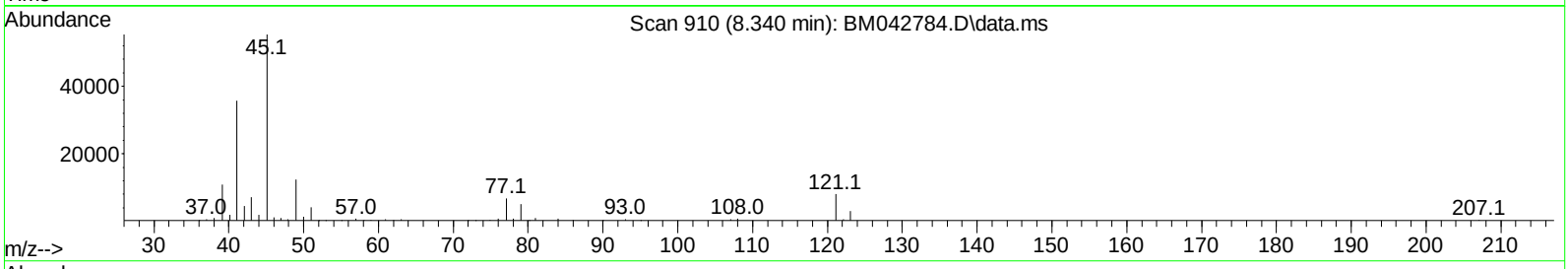

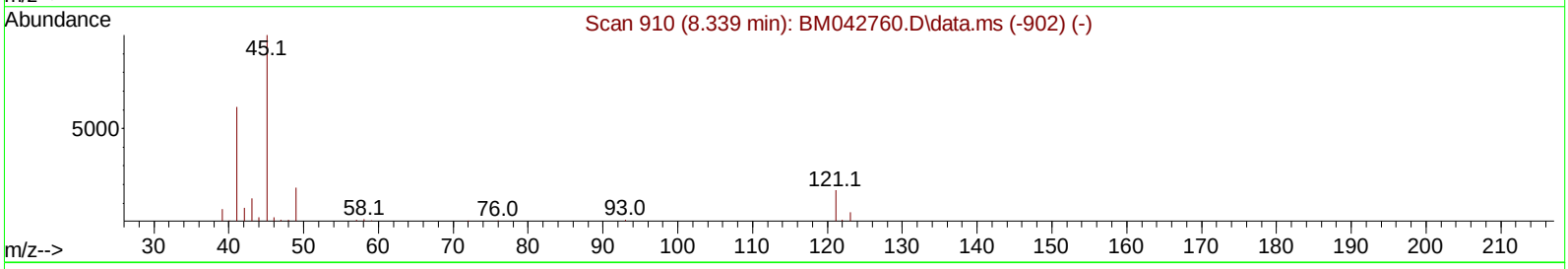

TIC: BM042784.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.340min (-0.000) 37.85 ng/ul m

response 146680

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.32
79.00	10.20	9.15
0.00	0.00	0.00

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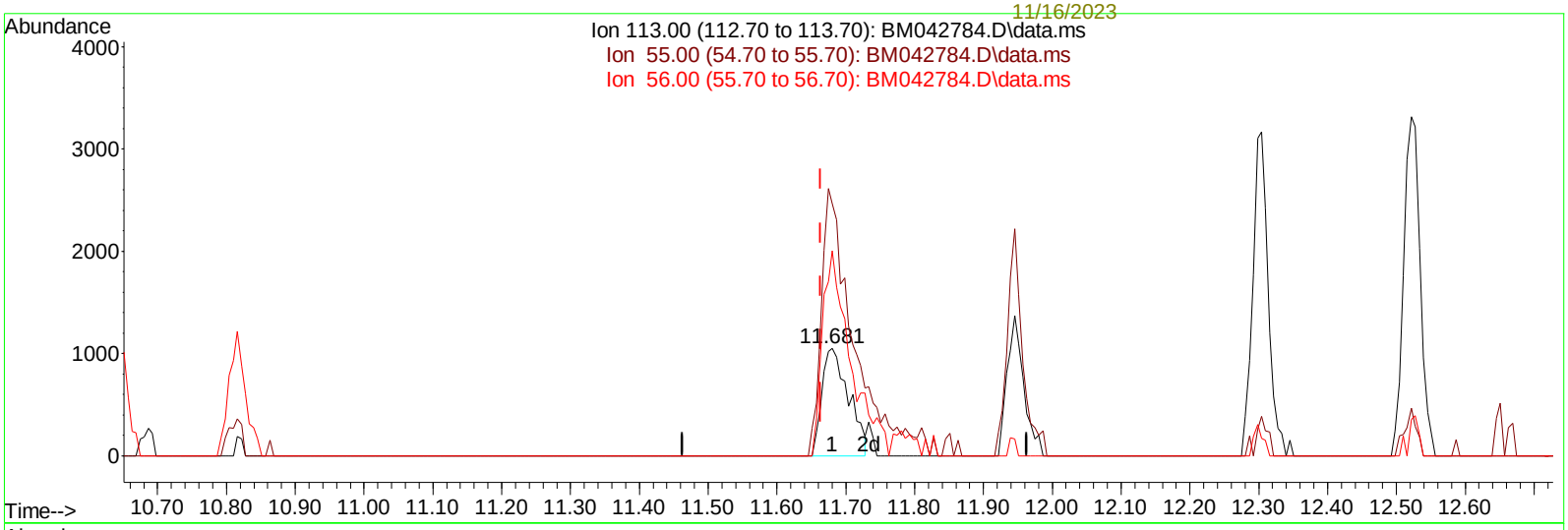

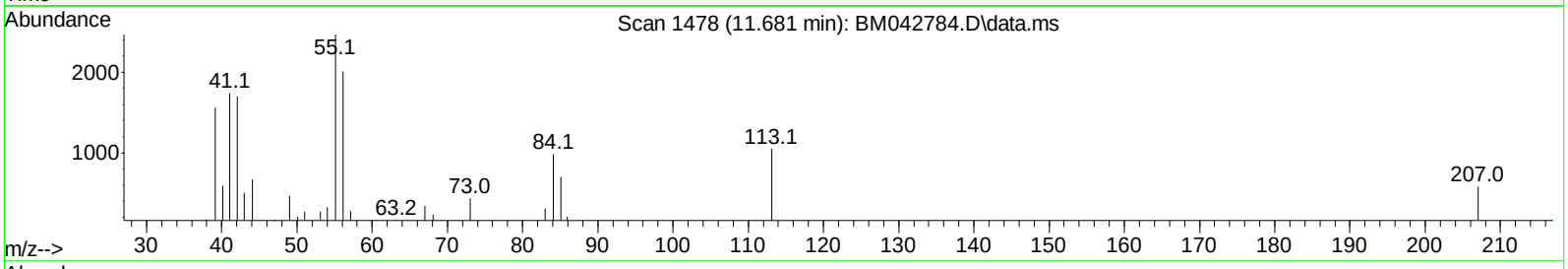

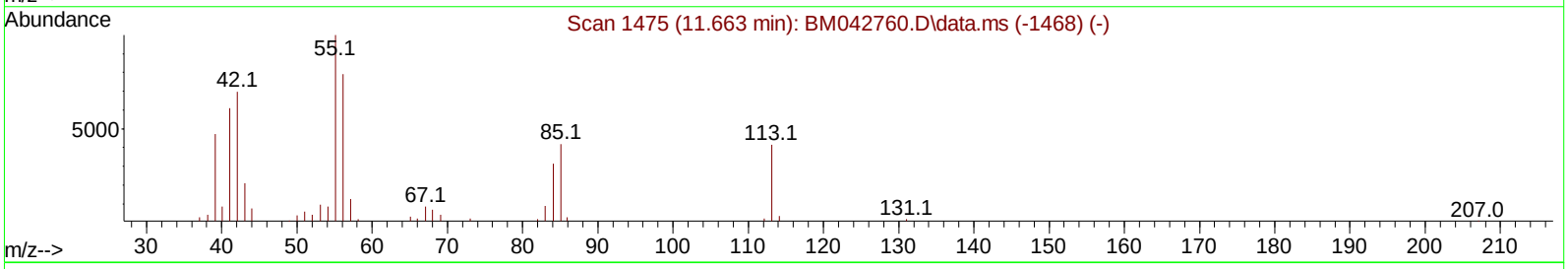

TIC: BM042784.D\data.ms

(34) Caprolactam

11.681min (+ 0.018) 4.55 ng/ul

response 2815

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	234.28
56.00	167.90	190.50
0.00	0.00	0.00

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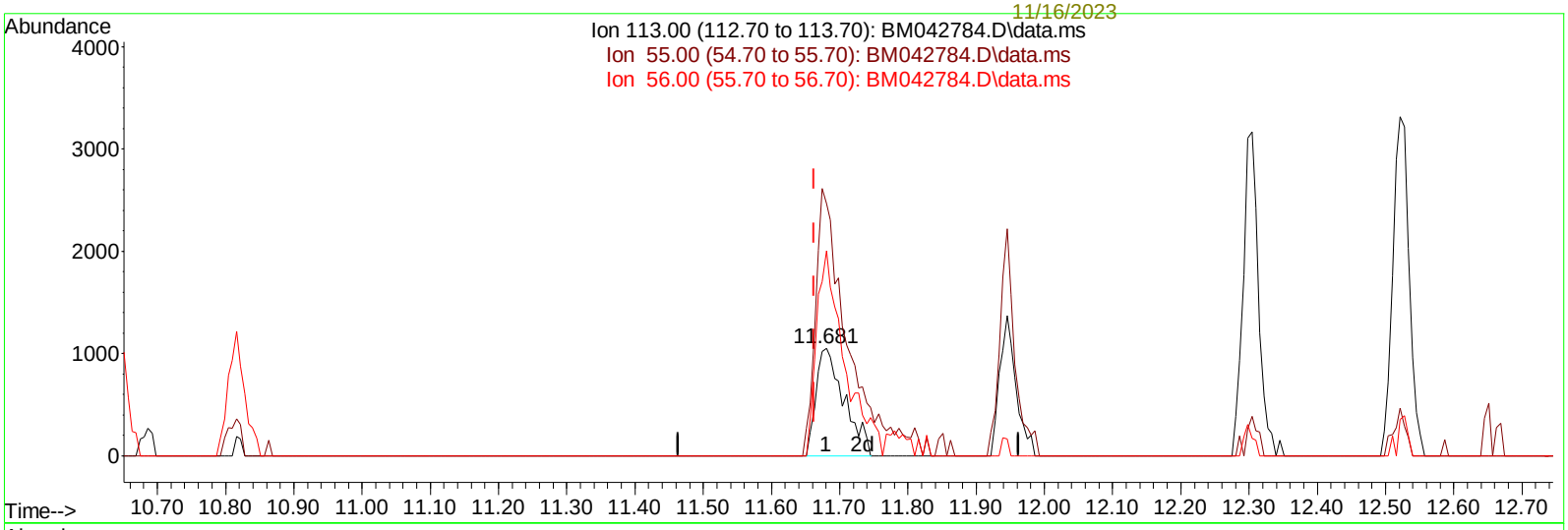

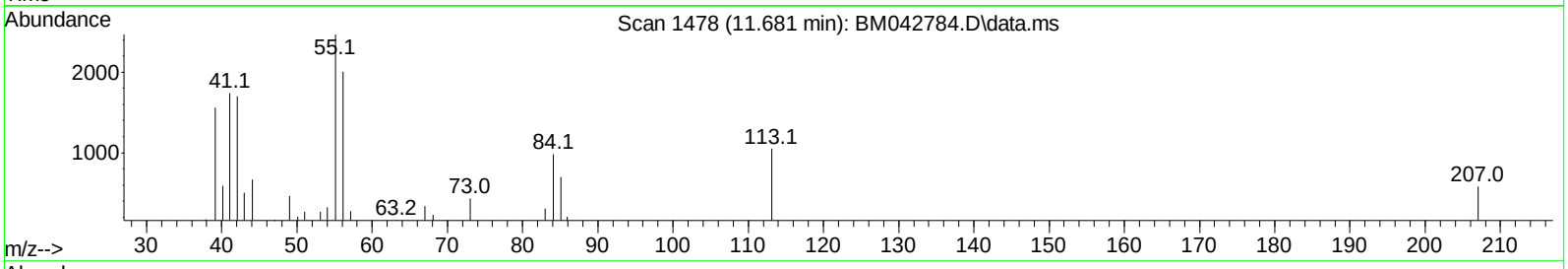

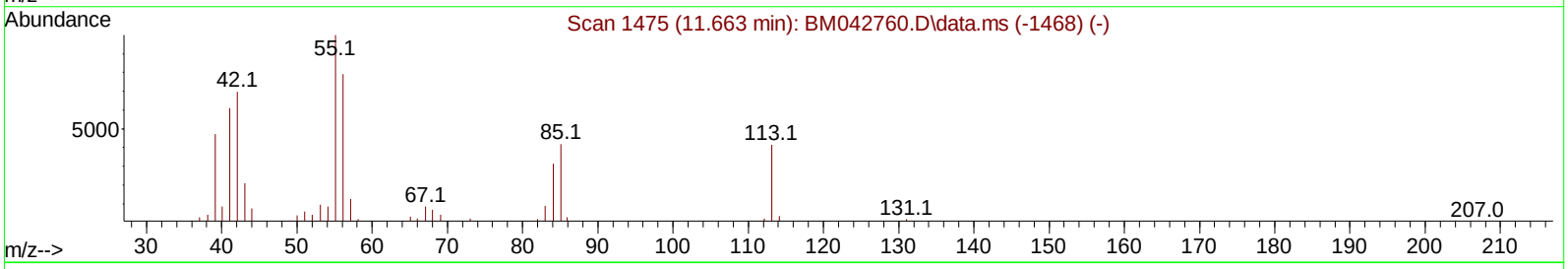

TIC: BM042784.D\data.ms

(34) Caprolactam

11.681min (+ 0.018) 4.84 ng/ul m

response 2993

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	234.28
56.00	167.90	190.50
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	7.828	152	26618	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	115601	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.480	164	79421	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	179369	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	203301	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	214259	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	3034	3.577	ng/uL	0.00
4) Pyridine-d5	3.622	84	13736	6.510	ng/ul	0.00
7) Phenol-d5	6.998	99	17595	6.792	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	67296	36.969	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	48789	24.407	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	31607	15.495	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	31637	31.215	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	34682	29.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	62921	28.541	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	64678	23.106	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	292252	38.881	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	285051	35.443	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	3802	4.477	ng/ul	0.00
60) Fluorene-d10	15.480	176	240608	38.656	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	51201	37.685	ng/ul	0.00
73) Anthracene-d10	17.339	188	399054	39.698	ng/ul	0.00
81) Pyrene-d10	19.633	212	534925	40.181	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	531606	41.480	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	4203	4.652	ng/uL#	79
5) Pyridine	3.640	79	18588	8.101	ng/ul	92
6) Benzaldehyde	6.993	77	62043	41.742	ng/ul	95
8) Phenol	7.022	94	19241	7.467	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.269	93	73392	34.480	ng/ul	94
12) 2-Chlorophenol	7.381	128	50284	25.277	ng/ul	88
13) 2-Methylphenol	8.281	108	37260	19.390	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.340	45	146680m	37.854	ng/ul	
16) Acetophenone	8.681	105	113975	33.230	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.645	70	76078	36.437	ng/ul	92
18) 4-Methylphenol	8.616	108	35774	17.124	ng/ul	97
19) Hexachloroethane	8.881	117	27805	25.077	ng/ul	86
22) Nitrobenzene	9.069	77	105178	34.335	ng/ul	97
23) Isophorone	9.575	82	214248	35.117	ng/ul	96
25) 2-Nitrophenol	9.769	139	36698	30.465	ng/ul	89
26) 2,4-Dimethylphenol	9.816	107	55166	21.404	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.069	93	106559	34.563	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	60883	29.169	ng/ul	98
30) Naphthalene	10.692	128	209279	28.897	ng/ul	99
32) 4-Chloroaniline	10.839	127	63816	23.764	ng/ul	96
33) Hexachlorobutadiene	10.910	225	45918	24.904	ng/ul	97
34) Caprolactam	11.681	113	2993m	4.836	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	68979	30.841	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	12.304	142	154296	31.788	ng/ul	99
37) 1-Methylnaphthalene	12.522	142	158833	31.123	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	98294	31.557	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	25968	17.610	ng/ul	92
41) 2,4,6-Trichlorophenol	12.916	196	67029	35.231	ng/ul	97
42) 2,4,5-Trichlorophenol	12.992	196	65562	35.687	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	228552	34.507	ng/ul	98
44) 2-Chloronaphthalene	13.363	162	179254	33.641	ng/ul	98
45) 2-Nitroaniline	13.616	65	76158	43.826	ng/ul	92
47) Dimethylphthalate	13.951	163	290086	39.623	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	53923	39.204	ng/ul	88
50) Acenaphthylene	14.216	152	330168	36.638	ng/ul	99
51) 3-Nitroaniline	14.445	138	38957	34.637	ng/ul	94
52) Acenaphthene	14.551	153	223765	36.715	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	22588	33.028	ng/ul#	82
55) 4-Nitrophenol	14.774	109	15214	11.385	ng/ul#	26
56) Dibenzofuran	14.886	168	324557	38.368	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	86253	42.715	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	74766	39.206	ng/ul#	97
59) Diethylphthalate	15.304	149	314543	40.972	ng/ul	99
61) Fluorene	15.533	166	299088	41.645	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.527	204	158128	40.854	ng/ul	97
63) 4-Nitroaniline	15.616	138	36852	35.940	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.639	198	54624	39.490	ng/ul#	90
67) N-Nitrosodiphenylamine	15.751	169	165955	29.499	ng/ul	98
68) 4-Bromophenyl-phenylether	16.421	248	94381	39.530	ng/ul	93
69) Hexachlorobenzene	16.504	284	115568	39.595	ng/ul	98
70) Atrazine	16.704	200	93569	43.180	ng/ul	99
71) Pentachlorophenol	16.868	266	62181	36.997	ng/ul	99
72) Phenanthrene	17.280	178	472231	42.142	ng/ul	99
74) Anthracene	17.374	178	469169	41.625	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	105442	33.245	ng/uL	99
76) Pentachlorobenzene	14.774	250	126556	38.029	ng/uL	98
77) Carbazole	17.662	167	380914	40.928	ng/ul	99
78) Di-n-butylphthalate	18.180	149	579105	42.552	ng/ul	99
80) Fluoranthene	19.298	202	611453	40.282	ng/ul	98
82) Pyrene	19.662	202	659529	40.978	ng/ul	98
83) Butylbenzylphthalate	20.545	149	270419	39.336	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.350	252	118630	22.799	ng/ul	98
85) Benzo(a)anthracene	21.403	228	673411	42.196	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	412097	39.510	ng/ul	99
87) Chrysene	21.456	228	635430	41.055	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	710449	41.049	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	636868	43.555	ng/ul#	98
91) Benzo(k)fluoranthene	23.103	252	685803	44.060	ng/ul	98
93) Benzo(a)pyrene	23.680	252	614316	43.115	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.250	276	781658	44.143	ng/ul	96
95) Dibenzo(a,h)anthracene	26.262	278	654879	44.608	ng/ul	98
96) Benzo(g,h,i)perylene	27.015	276	607862	43.230	ng/ul	99

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

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