Quantitation Report (Qedit)

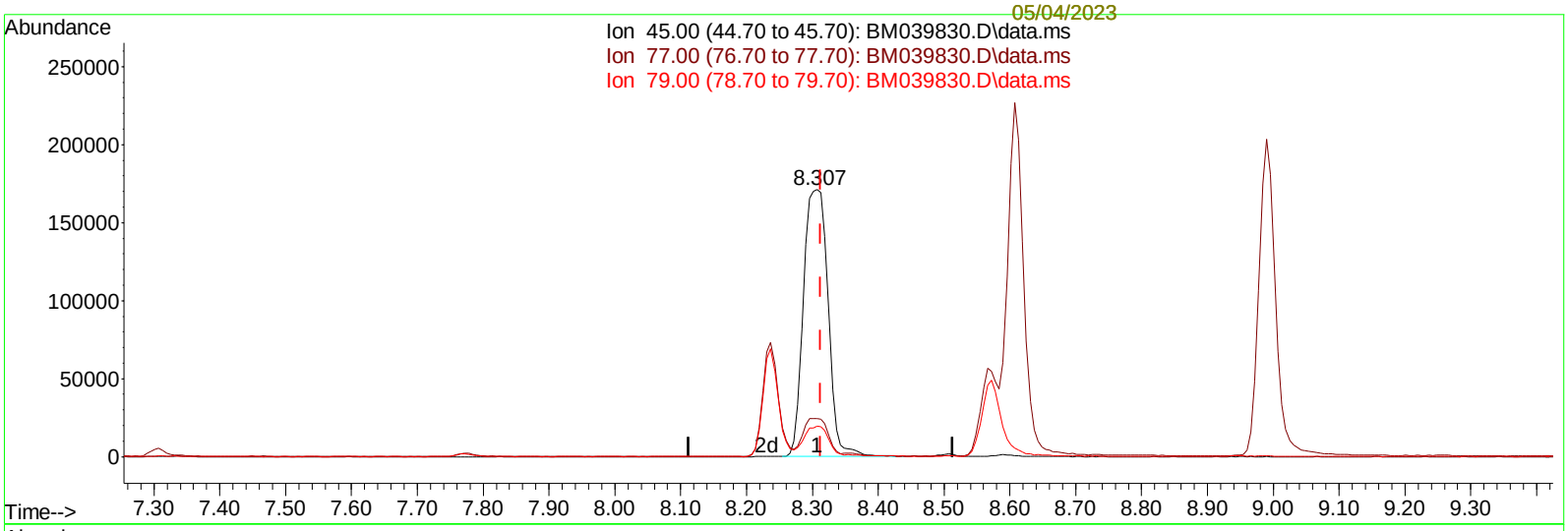
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050323\
Data File : BM039830.D
Acq On : 03 May 2023 19:03
Operator : CG/JU
Sample : SSTD04054
Misc :
ALS Vial : 5 Sample Multiplier: 1

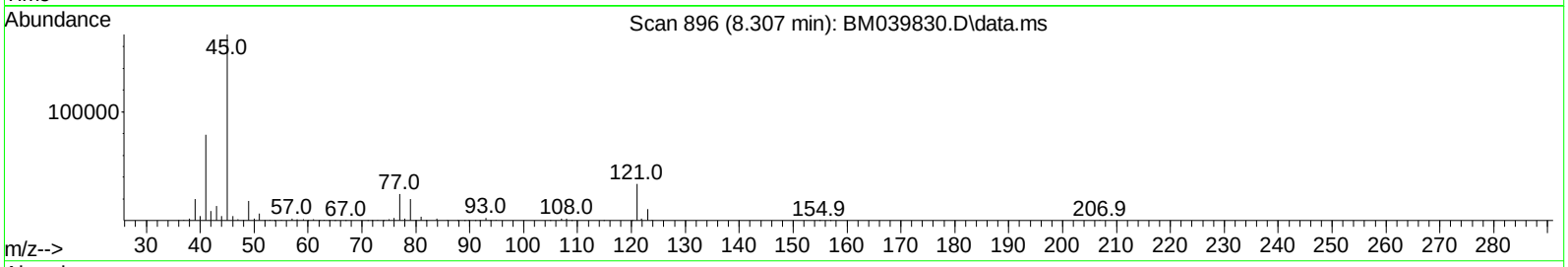
Quant Time: May 03 23:59:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 23:57:35 2023
Response via : Initial Calibration

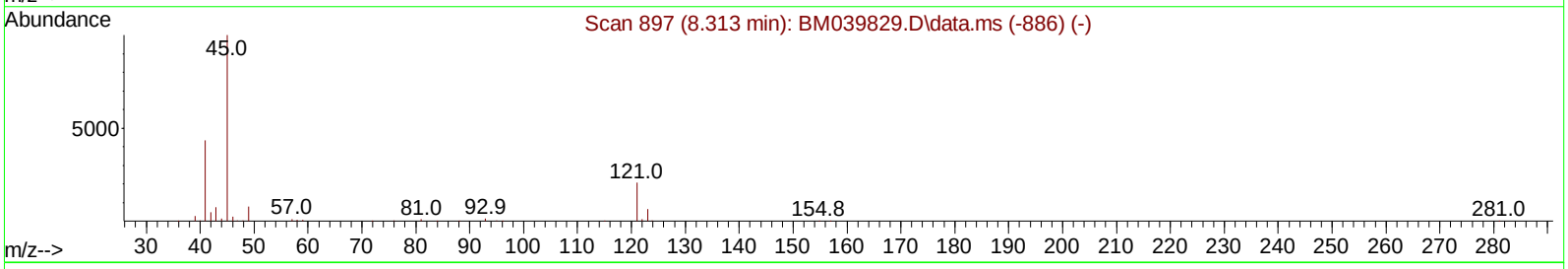
Instrument :
BNA_M
ClientSampleId :
SSTD040016

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo
05/04/2023
Supervised By :Jagrut Upadhyay
05/04/2023







TIC: BM039830.D\data.ms

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

8.307min (-0.006) 42.67 ng/ul

response 445657

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.00	14.34
79.00	12.00	11.48
0.00	0.00	0.00

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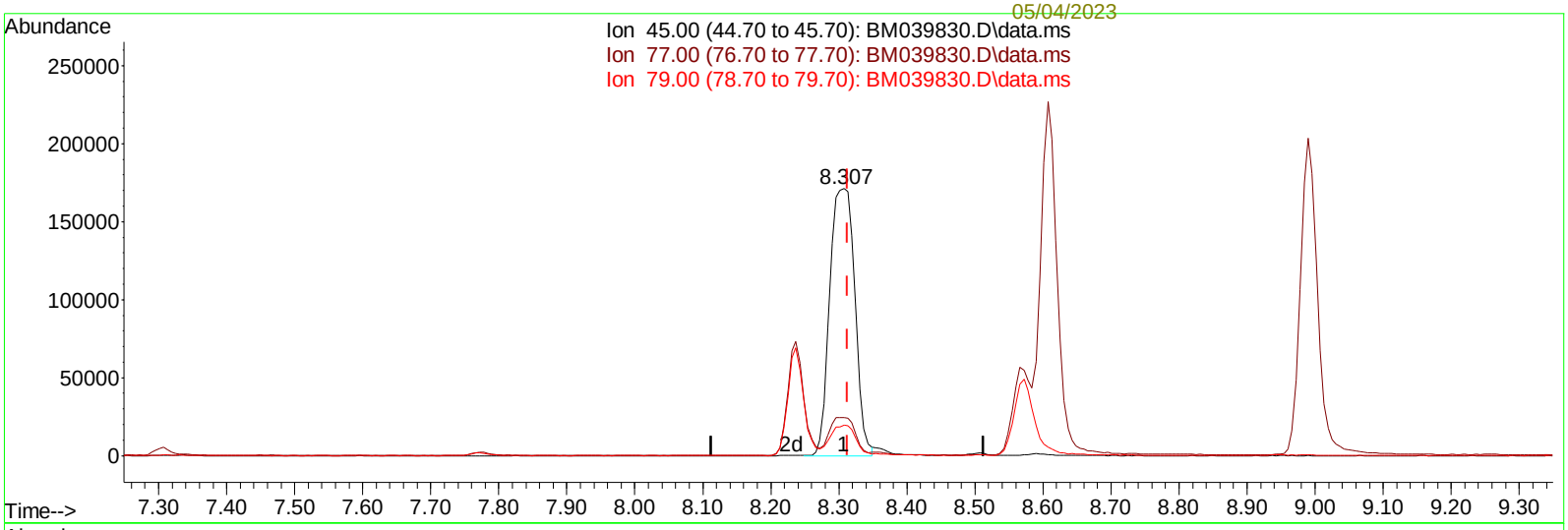

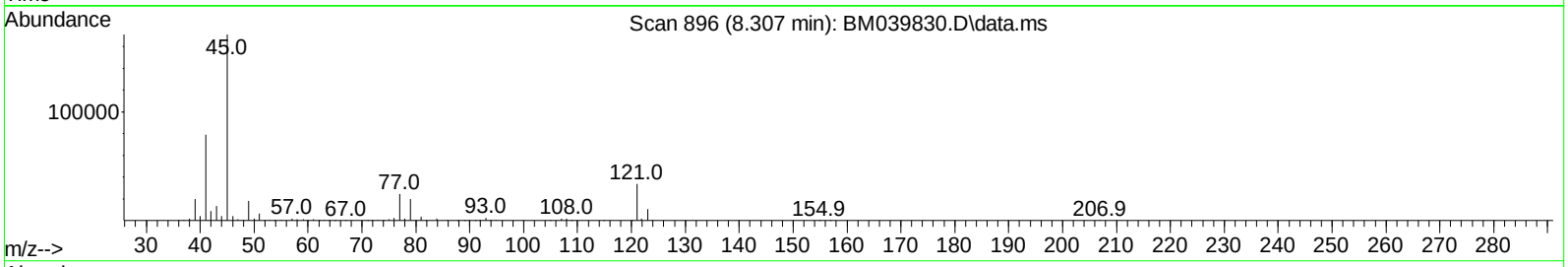

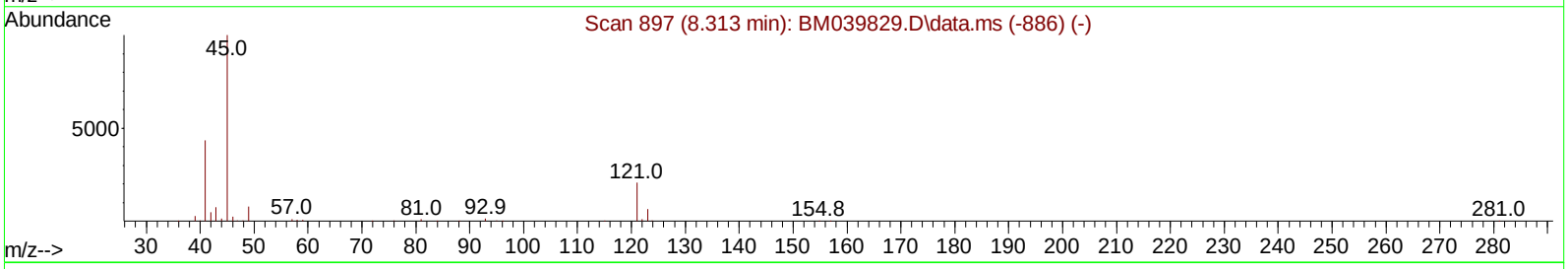

TIC: BM039830.D\data.ms

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

8.307min (-0.006) 42.03 ng/ul m

response 439059

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.00	14.34
79.00	12.00	11.48
0.00	0.00	0.00

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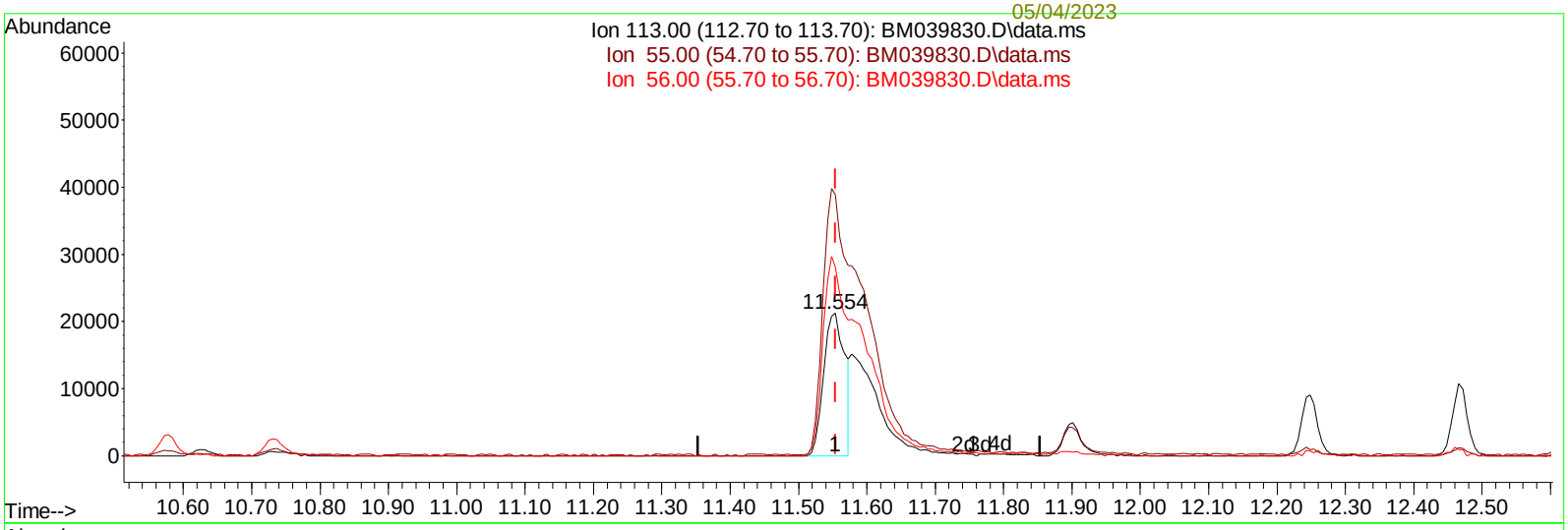

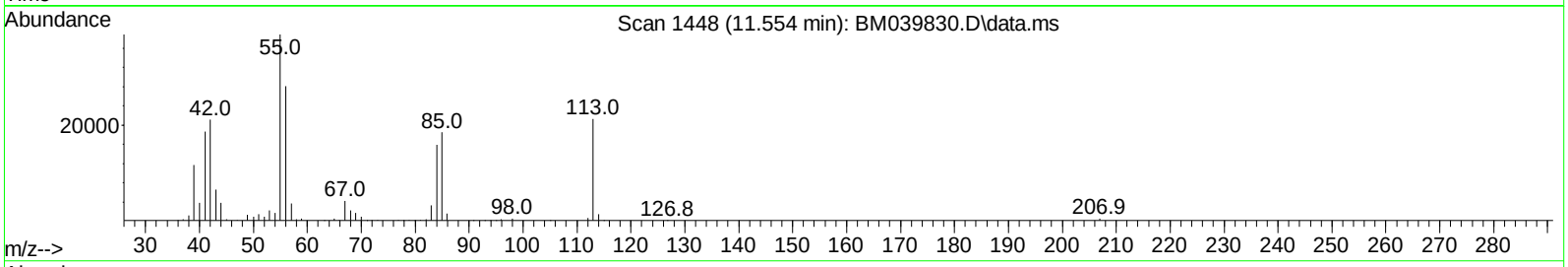

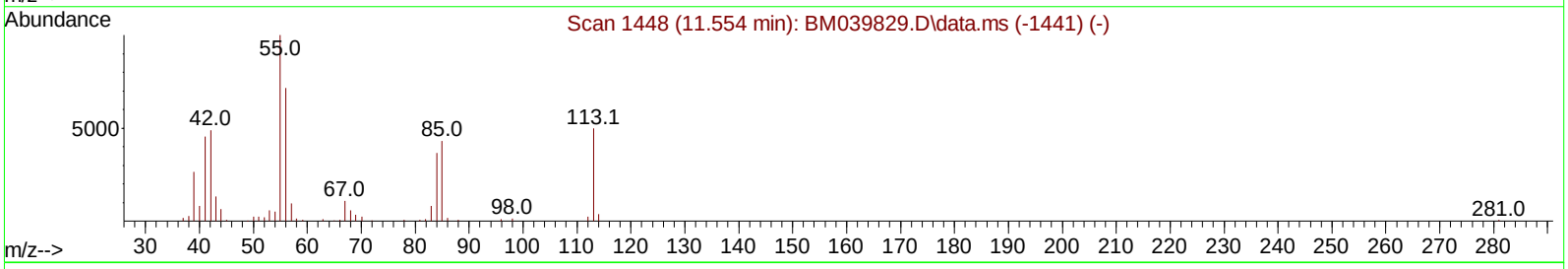

TIC: BM039830.D\data.ms

(34) Caprolactam

11.554min (+ 0.000) 20.04 ng/ul

response 45427

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	203.70	182.94
56.00	143.80	132.24
0.00	0.00	0.00

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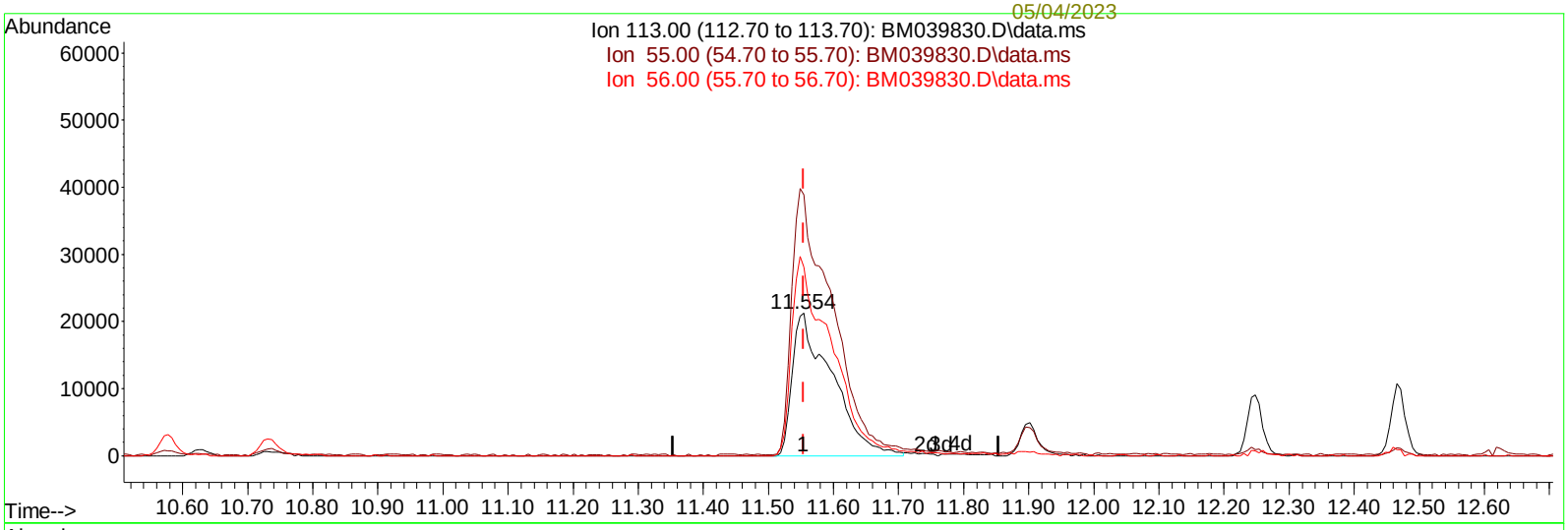

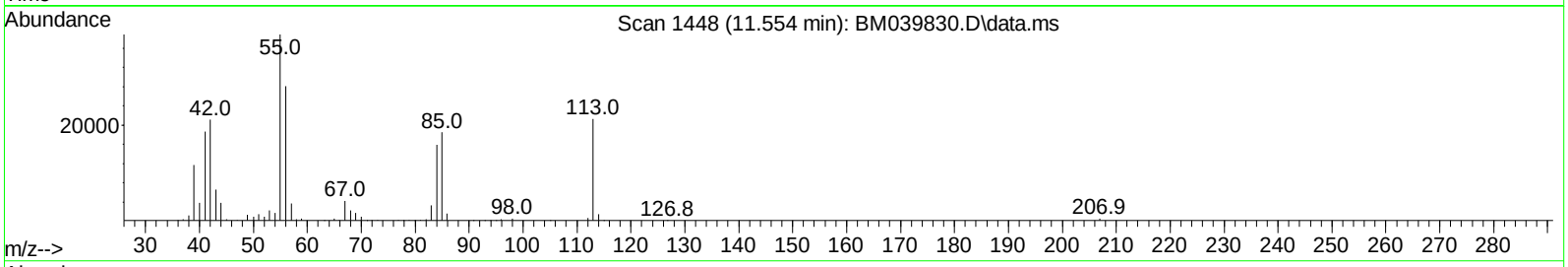

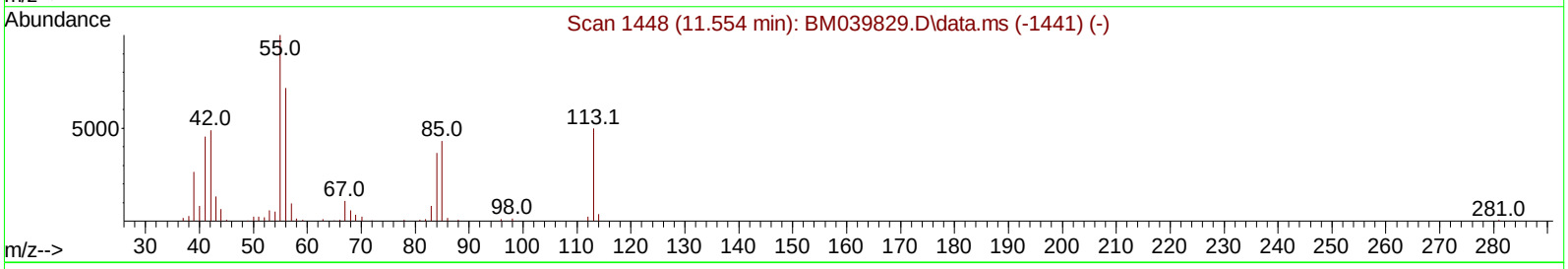

TIC: BM039830.D\data.ms

(34) Caprolactam

11.554min (+ 0.000) 39.36 ng/ul m

response 89221

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	203.70	182.94
56.00	143.80	132.24
0.00	0.00	0.00

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Quant Time: May 04 00:42:40 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	94657	20.000	ng/ul	0.00
20) Naphthalene-d8	10.578	136	397493	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.436	164	235779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.189	188	492194	20.000	ng/ul	0.00
79) Chrysene-d12	21.395	240	462384	20.000	ng/ul	0.00
88) Perylene-d12	23.748	264	500166	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	44327	17.975	ng/uL	0.00
4) Pyridine-d5	3.596	84	294482	42.499	ng/ul	0.00
7) Phenol-d5	6.960	99	348606	40.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.107	67	229695	40.113	ng/ul	0.00
11) 2-Chlorophenol-d4	7.307	132	282320	41.542	ng/ul	0.00
15) 4-Methylphenol-d8	8.507	113	269682	38.644	ng/ul	0.00
21) Nitrobenzene-d5	8.948	128	141418	44.222	ng/ul	0.00
24) 2-Nitrophenol-d4	9.672	143	156118	43.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.213	165	265157	42.914	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	367729	39.848	ng/ul	0.00
46) Dimethylphthalate-d6	13.854	166	785769	41.323	ng/ul	0.00
49) Acenaphthylene-d8	14.130	160	909668	42.583	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	108747	37.788	ng/ul	0.00
60) Fluorene-d10	15.430	176	651163	41.797	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.583	200	138201	42.253	ng/ul	0.00
73) Anthracene-d10	17.289	188	996085	42.081	ng/ul	0.00
81) Pyrene-d10	19.595	212	1143542	37.218	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.595	264	1106095	40.961	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	46627	17.278	ng/uL	97
5) Pyridine	3.614	79	314785	43.084	ng/ul	98
6) Benzaldehyde	6.919	77	167873	45.355	ng/ul	99
8) Phenol	6.984	94	365658	40.538	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.202	93	297350	39.539	ng/ul	98
12) 2-Chlorophenol	7.337	128	283561	41.465	ng/ul	98
13) 2-Methylphenol	8.237	108	274838	39.228	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.307	45	439059m	42.033	ng/ul	
16) Acetophenone	8.607	105	459297	40.068	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.590	70	249395	39.310	ng/ul	98
18) 4-Methylphenol	8.572	108	296678	39.222	ng/ul	99
19) Hexachloroethane	8.843	117	133151	42.870	ng/ul	99
22) Nitrobenzene	8.990	77	354795	44.933	ng/ul	99
23) Isophorone	9.513	82	699452	41.541	ng/ul	99
25) 2-Nitrophenol	9.701	139	163112	43.534	ng/ul	100
26) 2,4-Dimethylphenol	9.766	107	327422	42.764	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.001	93	404339	40.838	ng/ul	98
29) 2,4-Dichlorophenol	10.243	162	260093	42.733	ng/ul	99
30) Naphthalene	10.625	128	924088	42.018	ng/ul	100
32) 4-Chloroaniline	10.754	127	370923	40.793	ng/ul	99
33) Hexachlorobutadiene	10.901	225	170423	42.494	ng/ul	98
34) Caprolactam	11.554	113	89221m	39.364	ng/ul	
35) 4-Chloro-3-methylphenol	11.901	107	293105	41.246	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.248	142	590305	40.038	ng/ul	99
37) 1-Methylnaphthalene	12.466	142	595931	40.222	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.619	216	307127	43.397	ng/ul	99
40) Hexachlorocyclopentadiene	12.584	237	83160	19.722	ng/ul	93
41) 2,4,6-Trichlorophenol	12.872	196	202131	42.752	ng/ul	99
42) 2,4,5-Trichlorophenol	12.954	196	214827	43.718	ng/ul	98
43) 1,1'-Biphenyl	13.266	154	783726	43.011	ng/ul	99
44) 2-Chloronaphthalene	13.307	162	612047	42.819	ng/ul	99
45) 2-Nitroaniline	13.536	65	200353	48.572	ng/ul	99
47) Dimethylphthalate	13.901	163	777461	41.296	ng/ul	100
48) 2,6-Dinitrotoluene	14.036	165	163815	43.022	ng/ul	99
50) Acenaphthylene	14.160	152	988182	43.245	ng/ul	99
51) 3-Nitroaniline	14.372	138	145284	40.708	ng/ul	99
52) Acenaphthene	14.501	153	671486	42.681	ng/ul	99
53) 2,4-Dinitrophenol	14.595	184	77019	38.000	ng/ul	99
55) 4-Nitrophenol	14.701	109	87204	39.894	ng/ul	97
56) Dibenzofuran	14.836	168	918886	42.971	ng/ul	99
57) 2,4-Dinitrotoluene	14.830	165	233949	44.219	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.072	232	182908	41.584	ng/ul	97
59) Diethylphthalate	15.266	149	803839	41.188	ng/ul	99
61) Fluorene	15.489	166	757677	42.833	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.483	204	367961	41.968	ng/ul	99
63) 4-Nitroaniline	15.542	138	111587	40.773	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.601	198	133193	42.356	ng/ul	94
67) N-Nitrosodiphenylamine	15.701	169	617944	42.139	ng/ul	99
68) 4-Bromophenyl-phenylether	16.377	248	219655	41.320	ng/ul	98
69) Hexachlorobenzene	16.495	284	253464	41.503	ng/ul	97
70) Atrazine	16.660	200	227322	41.776	ng/ul	98
71) Pentachlorophenol	16.854	266	129696	36.328	ng/ul	99
72) Phenanthrene	17.236	178	1154134	42.237	ng/ul	99
74) Anthracene	17.324	178	1178233	42.981	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.231	216	317078	43.256	ng/uL	99
76) Pentachlorobenzene	14.760	250	308193	42.715	ng/uL	98
77) Carbazole	17.607	167	1058462	43.452	ng/ul	99
78) Di-n-butylphthalate	18.160	149	1420968	41.242	ng/ul	100
80) Fluoranthene	19.260	202	1353898	37.594	ng/ul	99
82) Pyrene	19.624	202	1417209	38.013	ng/ul	100
83) Butylbenzylphthalate	20.524	149	666426	37.869	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.312	252	473852	46.213	ng/ul	100
85) Benzo(a)anthracene	21.377	228	1350103	40.370	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.295	149	986682	37.702	ng/ul	100
87) Chrysene	21.430	228	1285396	40.293	ng/ul	100
89) Di-n-octyl phthalate	22.201	149	1687883	33.587	ng/ul	100
90) Benzo(b)fluoranthene	23.030	252	1361465	38.686	ng/ul	100
91) Benzo(k)fluoranthene	23.077	252	1350474	39.074	ng/ul	100
93) Benzo(a)pyrene	23.642	252	1195947	40.316	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.189	276	1570869	48.143	ng/ul	99
95) Dibenzo(a,h)anthracene	26.194	278	1300736	48.080	ng/ul	99
96) Benzo(g,h,i)perylene	26.941	276	1259191	48.444	ng/ul	99

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

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