Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 14 15:11:53 2023
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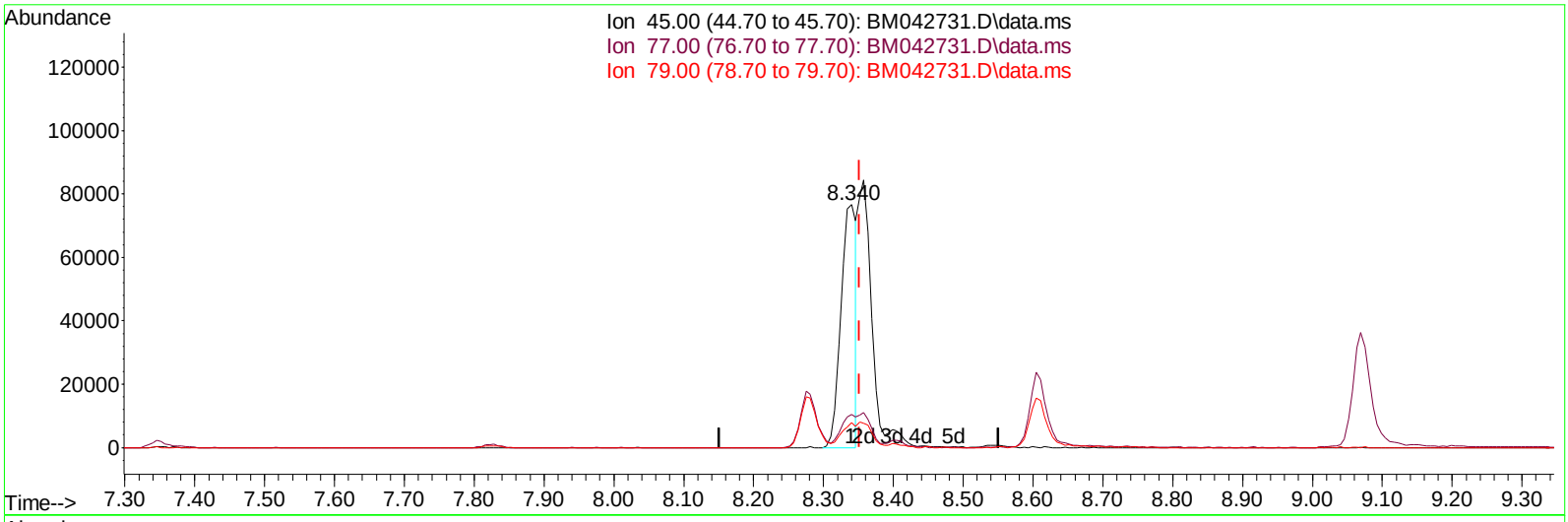
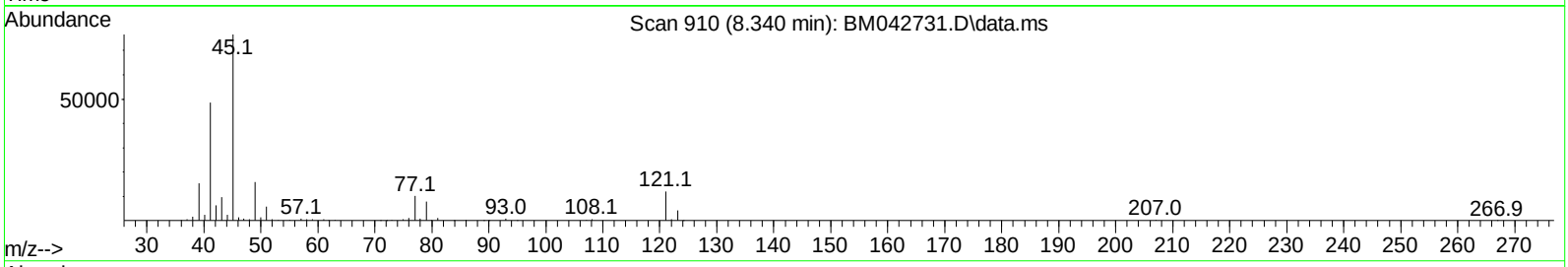
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

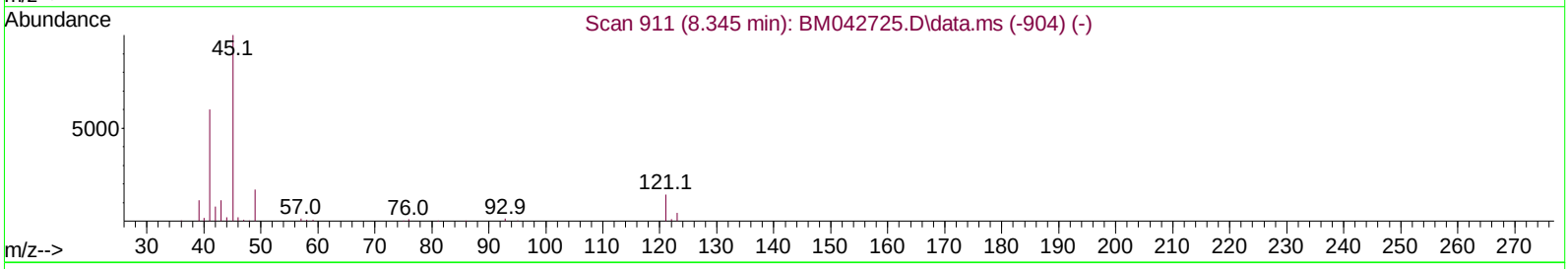
Instrument :
BNA_M
ClientSampleId :
A4A89

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042731.D\data.ms

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

8.340min (-0.011) 31.07 ng/ul

response 116503

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.55
79.00	10.20	10.31
0.00	0.00	0.00

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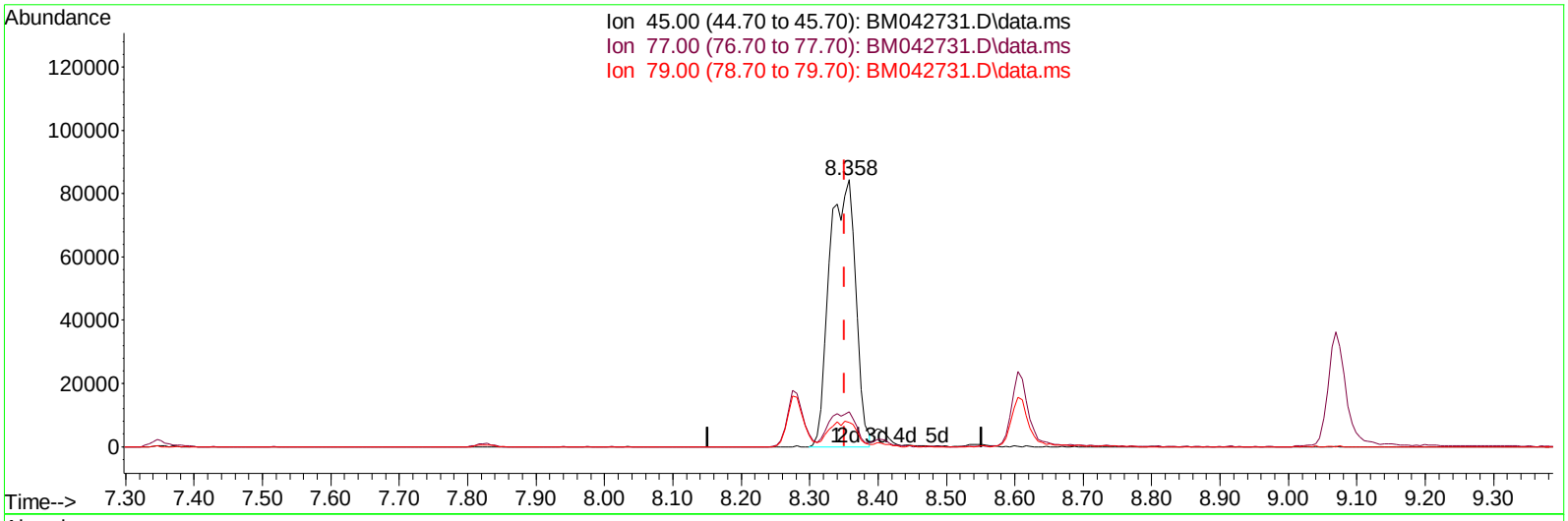

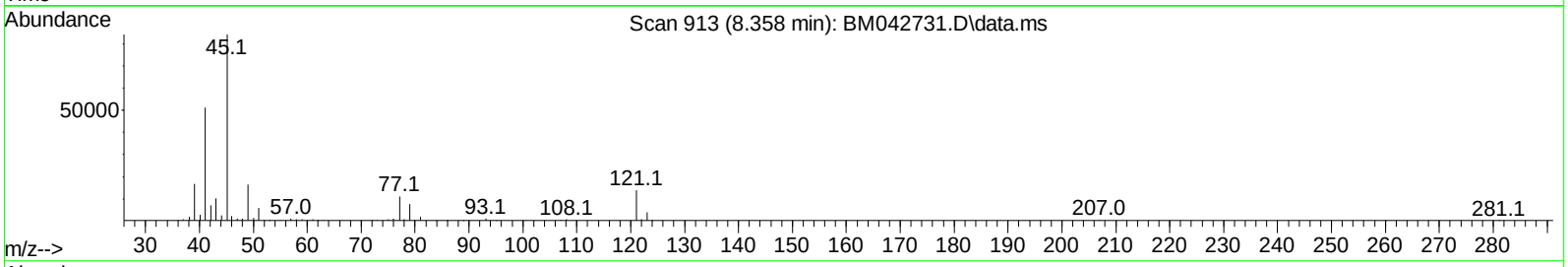

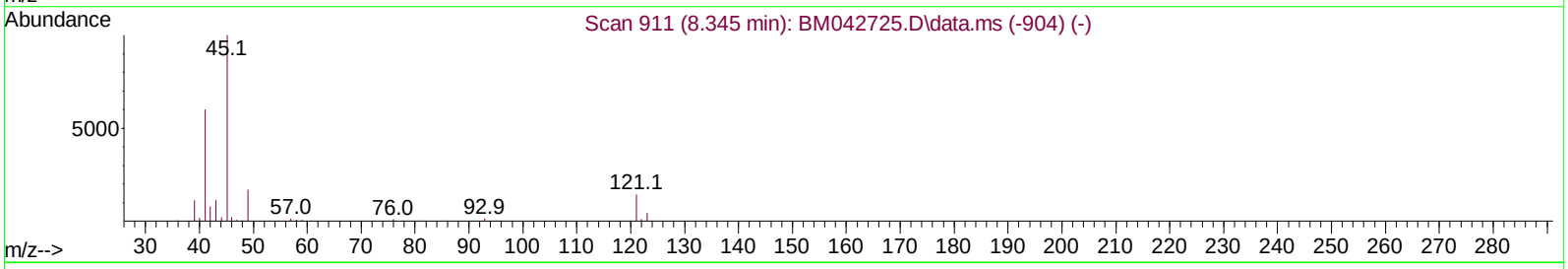

TIC: BM042731.D\data.ms

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

8.358min (+ 0.006) 59.37 ng/ul m

response 222662

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.18
79.00	10.20	9.01
0.00	0.00	0.00

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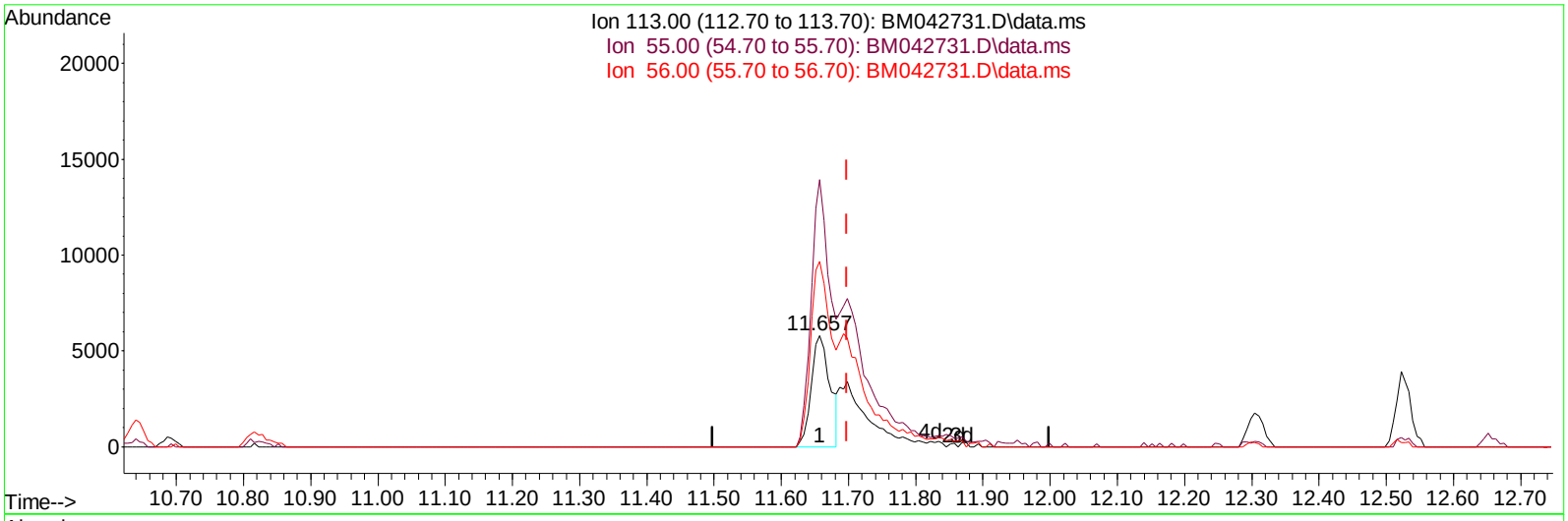

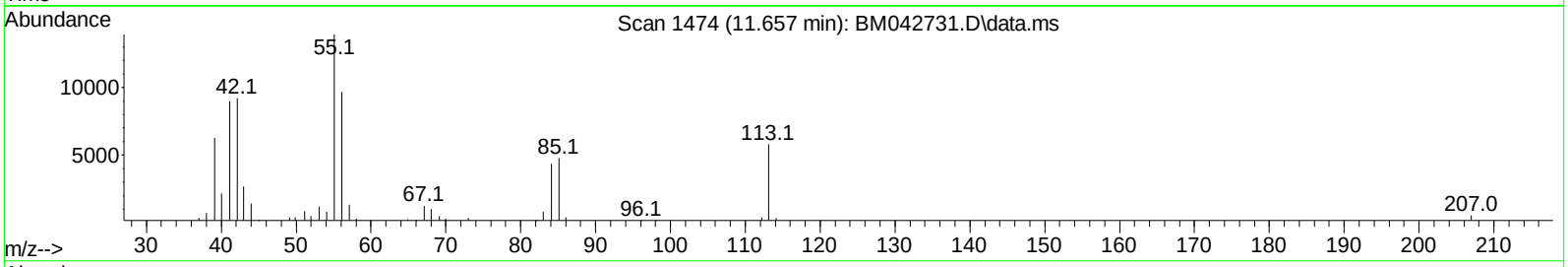

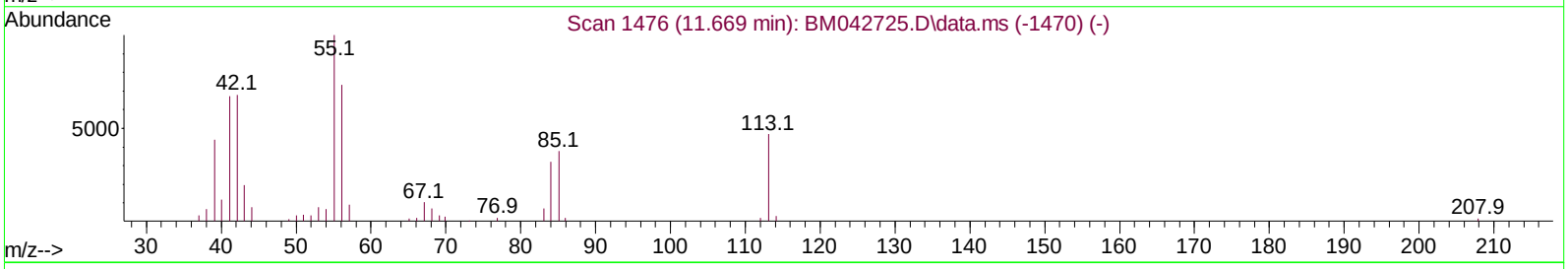

TIC: BM042731.D\data.ms

(34) Caprolactam

11.657min (-0.041) 20.45 ng/ul

response 11162

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	240.04
56.00	167.90	166.63
0.00	0.00	0.00

Quantitation Report (Qedit)

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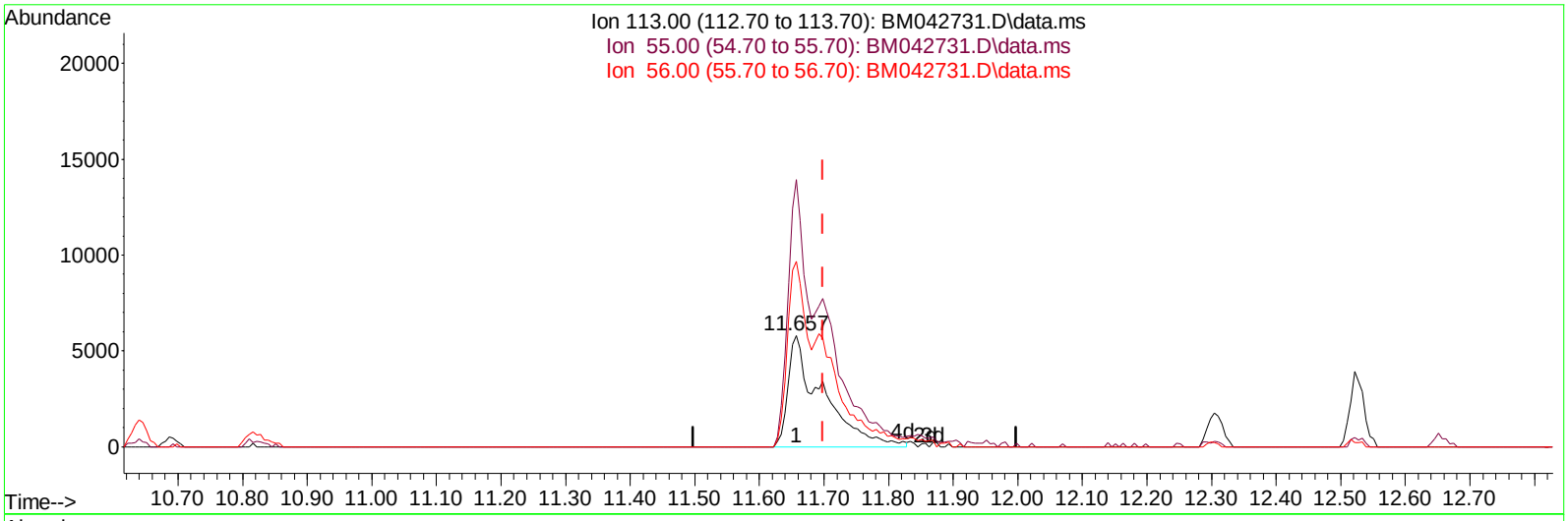

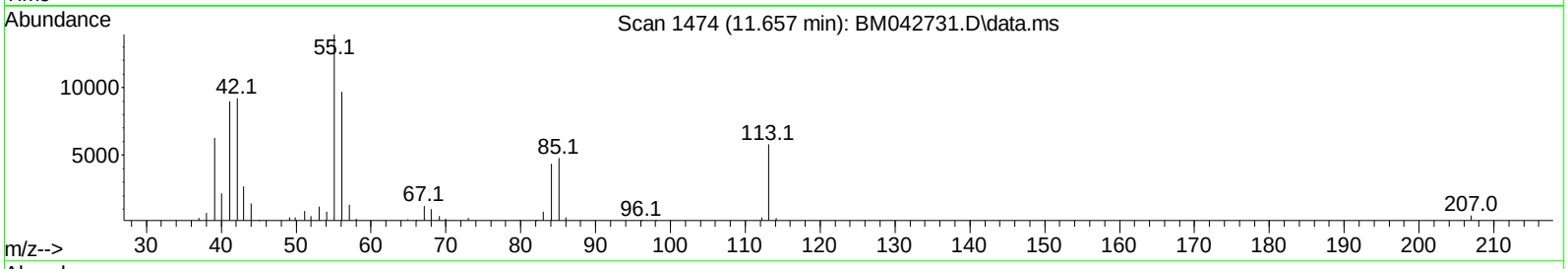

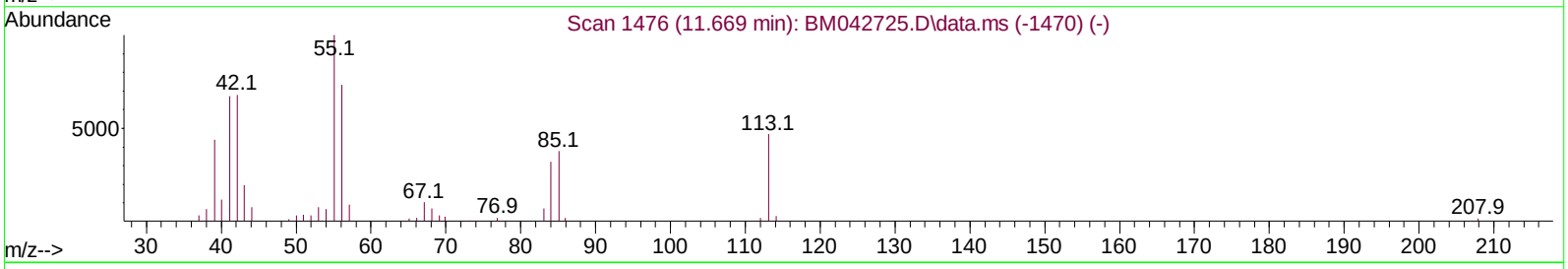

TIC: BM042731.D\data.ms

(34) Caprolactam

11.657min (-0.041) 39.28 ng/ul m

response 21441

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	240.04
56.00	167.90	166.63
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	7.822	152	25762	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.640	136	101947	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.487	164	62376	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	144170	20.000	ng/ul	-0.01
79) Chrysene-d12	21.427	240	162225	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	199146	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	5821	7.090	ng/uL	-0.01
4) Pyridine-d5	3.611	84	66056	32.345	ng/ul	-0.02
7) Phenol-d5	6.993	99	107193	42.753	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	73816	41.898	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.346	132	77352	39.982	ng/ul	-0.02
15) 4-Methylphenol-d8	8.546	113	77990	39.505	ng/ul	-0.02
21) Nitrobenzene-d5	9.028	128	35371	39.573	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.740	143	40586	38.815	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	78813	40.537	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.816	131	71017	28.769	ng/ul	-0.01
46) Dimethylphthalate-d6	13.910	166	238593	40.416	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	258172	40.873	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.739	143	18282	27.410	ng/ul	0.00
60) Fluorene-d10	15.481	176	192737	39.426	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.628	200	33070	30.283	ng/ul	-0.01
73) Anthracene-d10	17.339	188	308933	38.236	ng/ul	-0.01
81) Pyrene-d10	19.639	212	427735	40.265	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	472763	39.688	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	18935	21.656	ng/uL#	84
8) Phenol	7.022	94	212651	85.266	ng/ul	100
12) 2-Chlorophenol	7.381	128	87674	45.536	ng/ul	95
13) 2-Methylphenol	8.281	108	50697	27.260	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.358	45	222662m	59.373	ng/ul	
18) 4-Methylphenol	8.605	108	78894	39.018	ng/ul	80
19) Hexachloroethane	8.881	117	48156	44.875	ng/ul	93
22) Nitrobenzene	9.069	77	63581	23.536	ng/ul	97
25) 2-Nitrophenol	9.769	139	49430	46.530	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	99005	36.414	ng/ul	97
29) 2,4-Dichlorophenol	10.293	162	91069	49.474	ng/ul	98
30) Naphthalene	10.693	128	292050	45.727	ng/ul	100
34) Caprolactam	11.657	113	21441m	39.285	ng/ul	
36) 2-Methylnaphthalene	12.304	142	97131	22.691	ng/ul	99
37) 1-Methylnaphthalene	12.522	142	176133	39.136	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	92222	37.699	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	43801	29.313	ng/ul	95
42) 2,4,5-Trichlorophenol	12.998	196	19787	13.714	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	185885	35.734	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	125612	30.016	ng/ul	99
47) Dimethylphthalate	13.957	163	102488	17.824	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	18256	16.900	ng/ul#	88
52) Acenaphthene	14.551	153	181119	37.838	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55)	4-Nitrophenol	14.751	109	21328	20.321	ng/ul	98
59)	Diethylphthalate	15.304	149	134886	22.371	ng/ul	98
68)	4-Bromophenyl-phenylether	16.428	248	59674	31.096	ng/ul	95
69)	Hexachlorobenzene	16.504	284	53614	22.854	ng/ul	98
74)	Anthracene	17.375	178	165764	18.298	ng/ul	98
78)	Di-n-butylphthalate	18.186	149	402687	36.813	ng/ul	99
82)	Pyrene	19.669	202	390019	30.368	ng/ul	99
83)	Butylbenzylphthalate	20.551	149	65808	11.997	ng/ul	99
85)	Benzo(a)anthracene	21.410	228	181456	14.249	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.292	149	386128	46.394	ng/ul	99
91)	Benzo(k)fluoranthene	23.110	252	436378	30.163	ng/ul	99
93)	Benzo(a)pyrene	23.692	252	398018	30.055	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.262	276	445380	27.061	ng/ul	95
96)	Benzo(g,h,i)perylene	27.039	276	469181	35.899	ng/ul	100

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

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