Quantitation Report (Qedit)

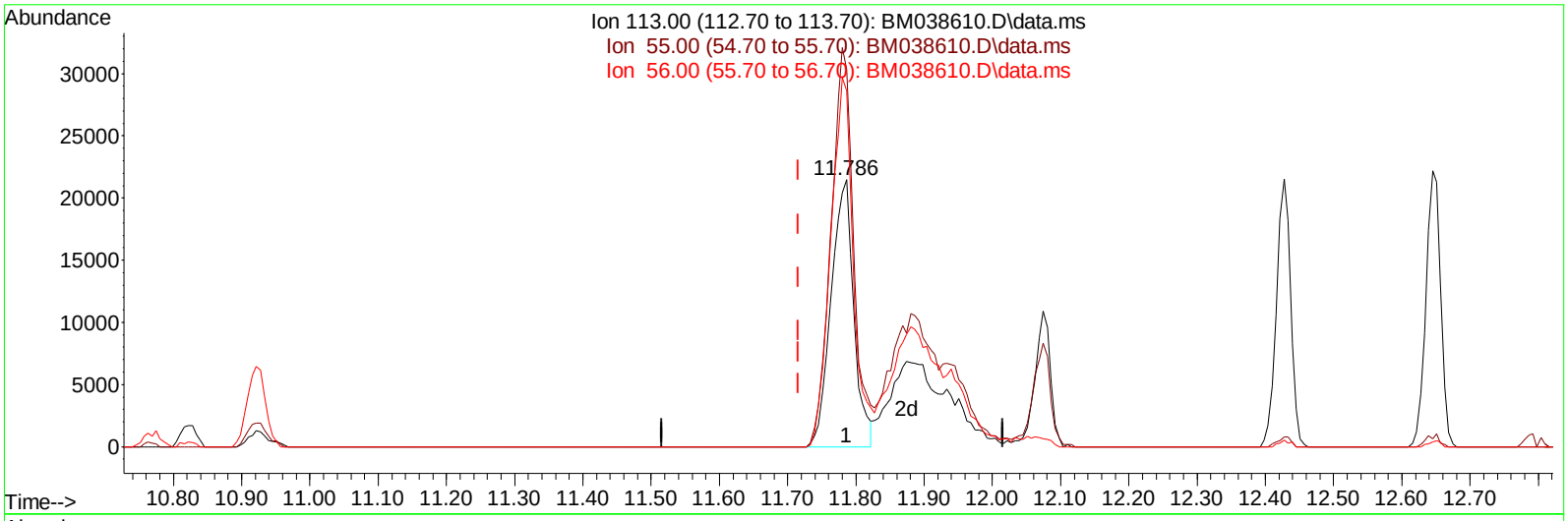
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
Data File : BM038610.D
Acq On : 30 Jan 2023 17:24
Operator : CG/JU
Sample : SSTD16026
Misc :
ALS Vial : 7 Sample Multiplier: 1

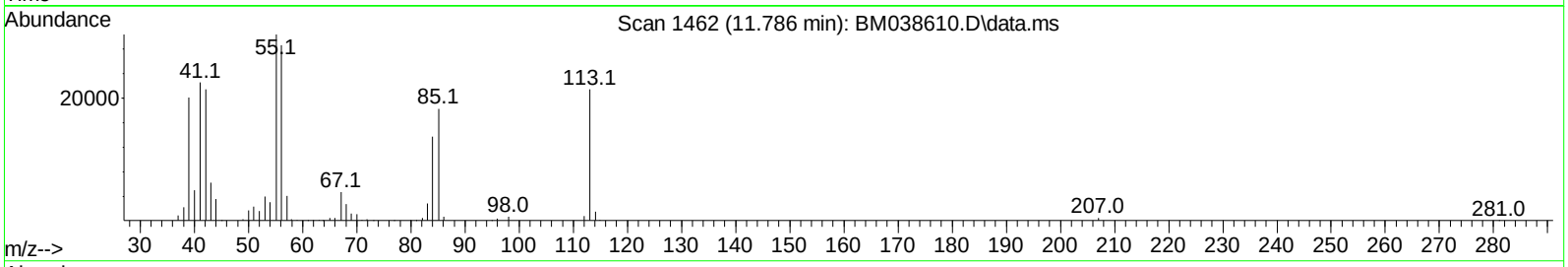
Quant Time: Jan 31 00:23:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 00:17:30 2023
Response via : Initial Calibration

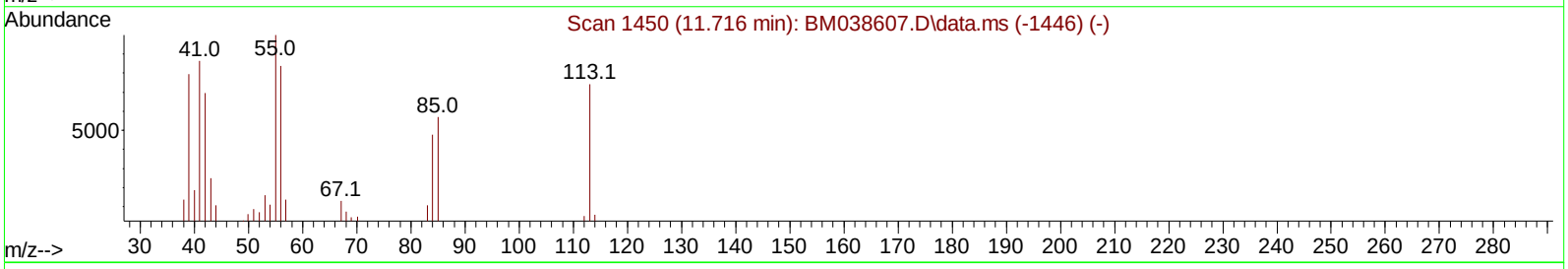
Instrument :
BNA_M
ClientSampleId :
SSTD160031

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2023
Supervised By :Yogesh Patel 01/31/2023







TIC: BM038610.D\data.ms

(34) Caprolactam

11.786min (+ 0.070) 104.81 ng/ul

response 49509

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	141.22
56.00	120.60	133.32
0.00	0.00	0.00

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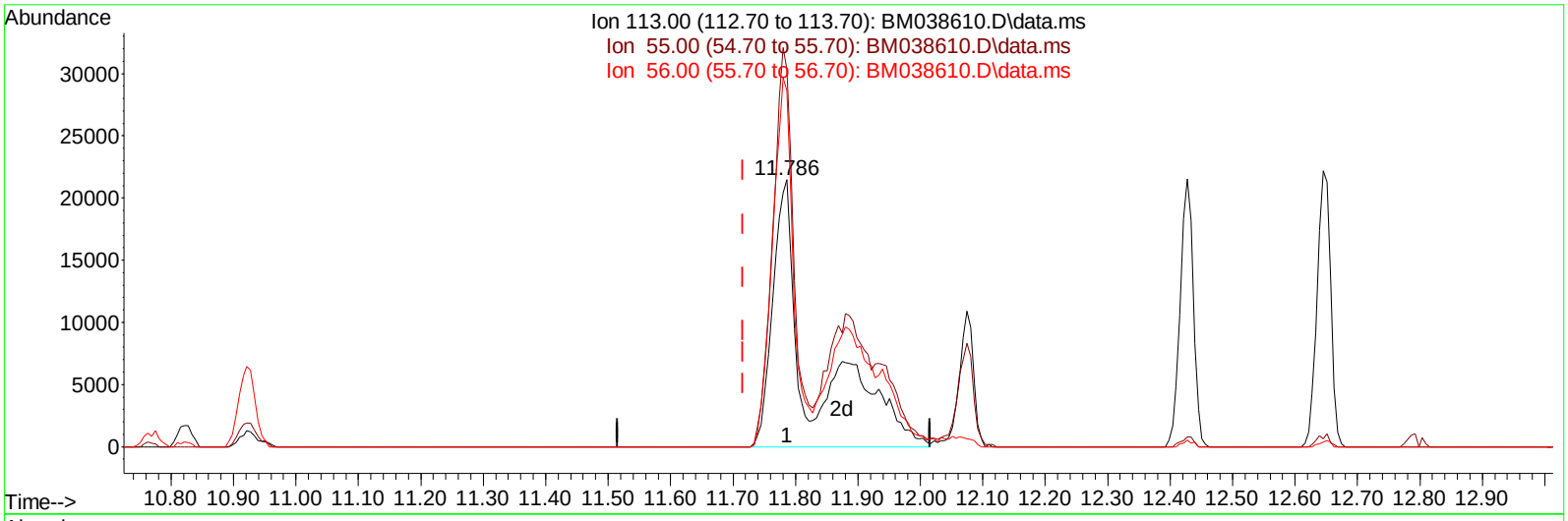

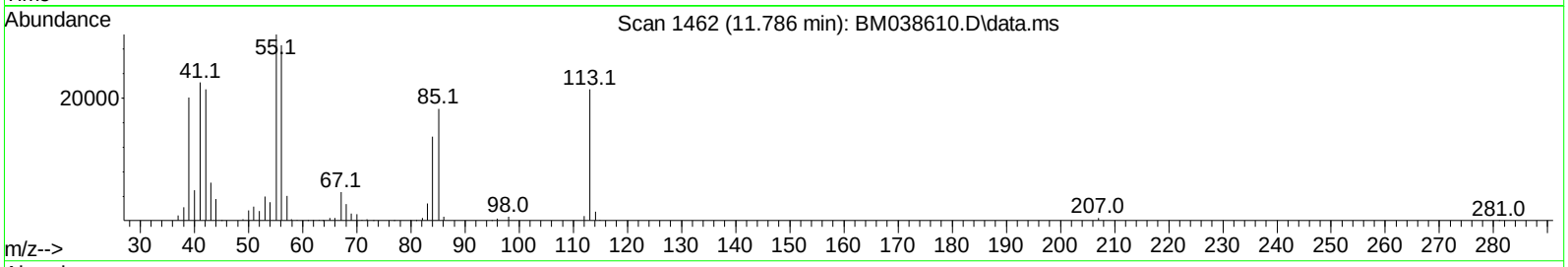

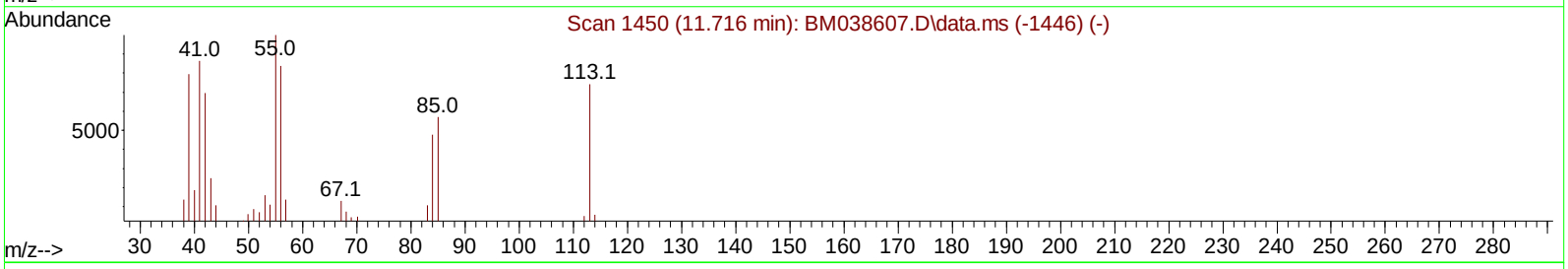

TIC: BM038610.D\data.ms

(34) Caprolactam

11.786min (+ 0.070) 192.80 ng/ul m

response 91072

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	141.22
56.00	120.60	133.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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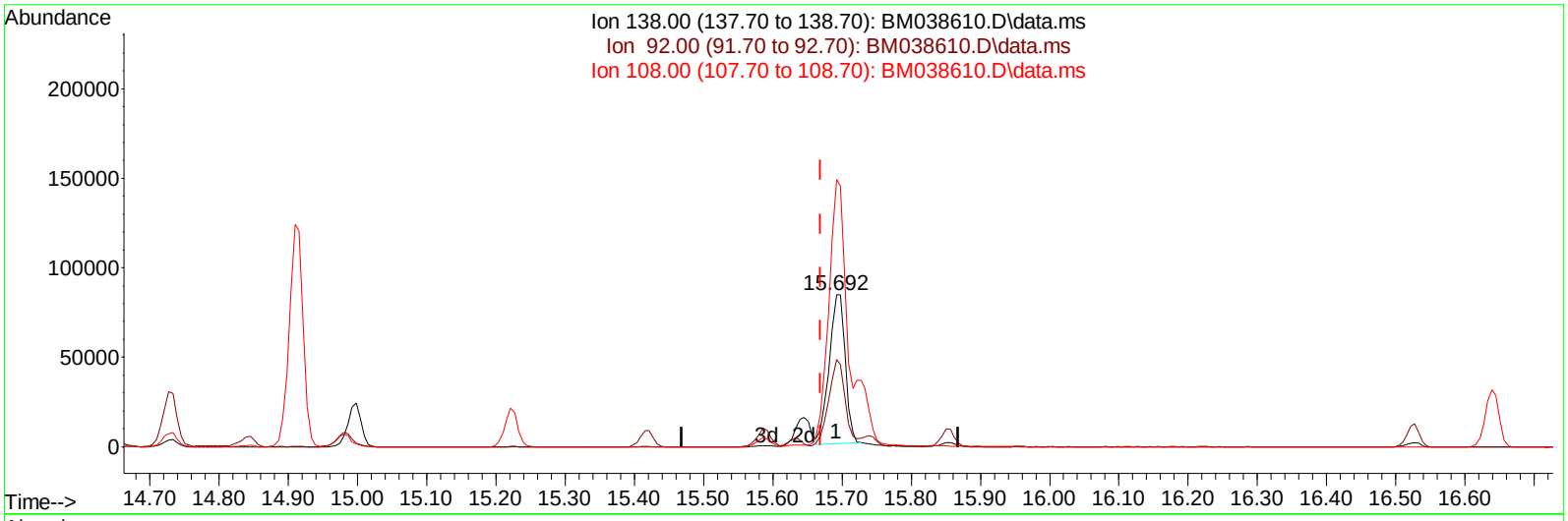

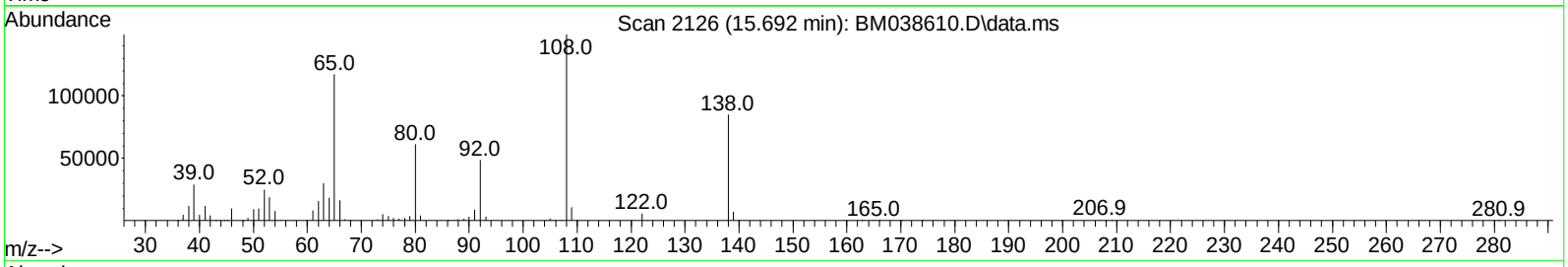

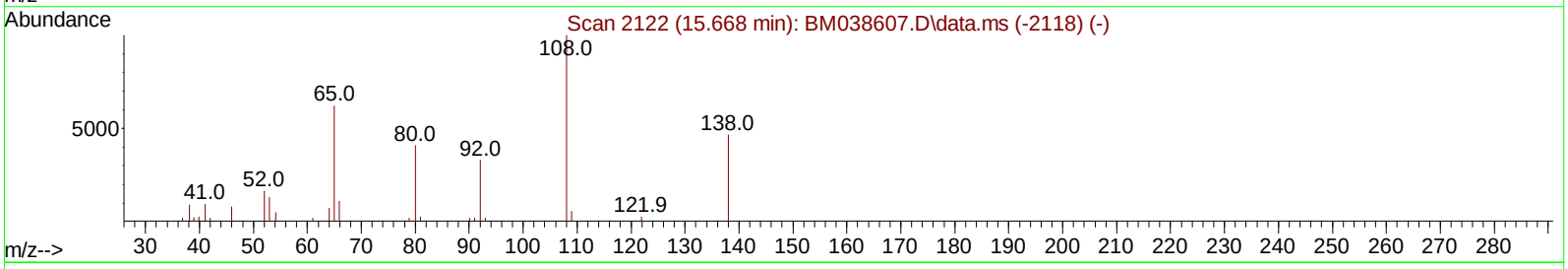

TIC: BM038610.D\data.ms

(63) 4-Nitroaniline

15.692min (+ 0.023) 161.07 ng/ul

response 133080

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	64.90	57.27
108.00	195.30	175.63
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 7 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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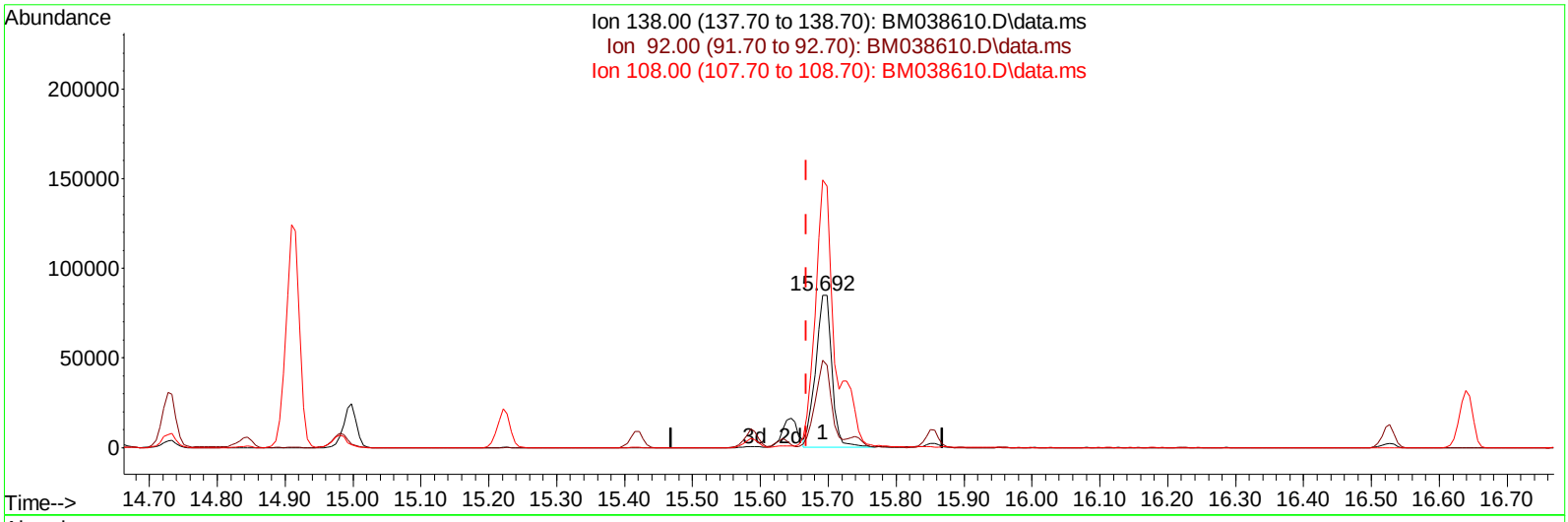

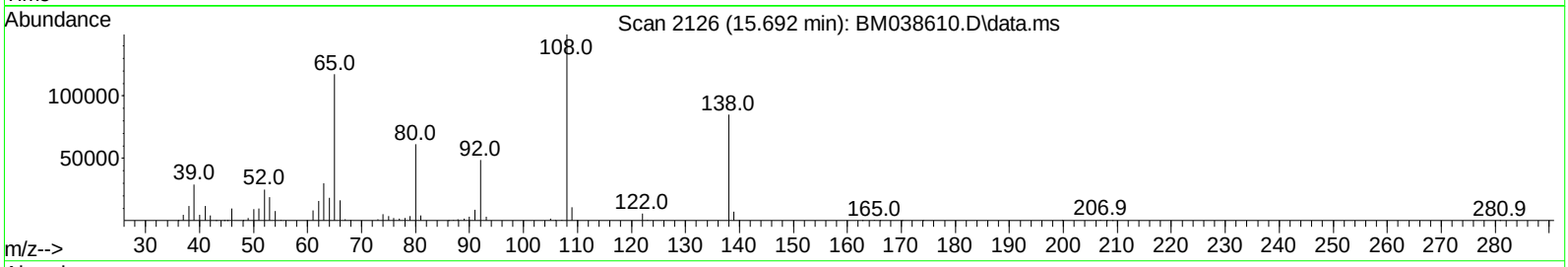

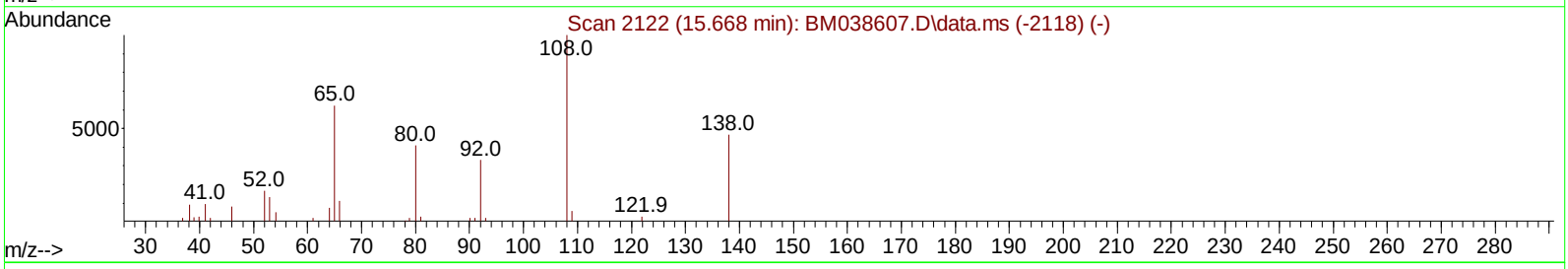

TIC: BM038610.D\data.ms

(63) 4-Nitroaniline

15.692min (+ 0.023) 170.87 ng/ul m

response 141173

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	64.90	57.27
108.00	195.30	175.63
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	7.957	152	32167	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	114165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	94632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	231259	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	307176	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	329176	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.763	84	407661	180.455	ng/ul	0.00
7) Phenol-d5	7.134	99	375475	174.869	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.298	67	209629	167.263	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.686	113	314705	183.694	ng/ul	0.01
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.922	131	455895	185.479	ng/ul	0.00
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.827	143	204172	188.804	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.727	200	368101	185.949	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.781	79	395505	170.479	ng/ul	94
6) Benzaldehyde	7.098	77	122986	124.226	ng/ul	90
8) Phenol	7.163	94	380360	176.932	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.392	93	270478	176.096	ng/ul	88
13) 2-Methylphenol	8.410	108	298833	182.956	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.498	45	266694	168.058	ng/ul	99
16) Acetophenone	8.804	105	586258	193.698	ng/ul	89
18) 4-Methylphenol	8.763	108	317420	183.087	ng/ul	95
32) 4-Chloroaniline	10.951	127	468055	189.773	ng/ul	98
34) Caprolactam	11.786	113	91072m	192.802	ng/ul	
40) Hexachlorocyclopentadiene	12.763	237	577967	173.872	ng/ul	100
51) 3-Nitroaniline	14.521	138	191026	186.291	ng/ul	98
53) 2,4-Dinitrophenol	14.733	184	238361	208.137	ng/ul	84
55) 4-Nitrophenol	14.845	109	319249	175.968	ng/ul#	91
63) 4-Nitroaniline	15.692	138	141173m	170.870	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.745	198	355535	190.310	ng/ul#	87
70) Atrazine	16.809	200	580911	177.568	ng/ul	97
71) Pentachlorophenol	16.992	266	456367	187.558	ng/ul	92
77) Carbazole	17.751	167	2223601	202.421	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.433	252	1260734	167.068	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	3118185	223.671	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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