Quantitation Report (Qedit)

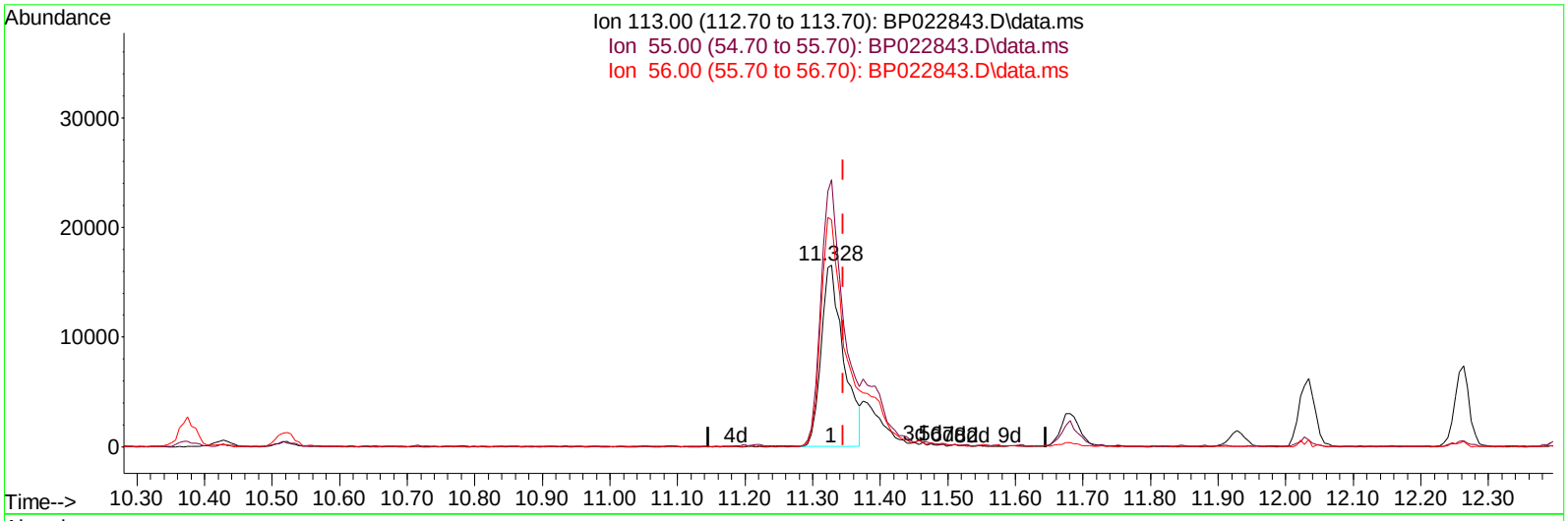
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022843.D
Acq On : 05 Nov 2024 01:46
Operator : RC/JU
Sample : PB164462BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

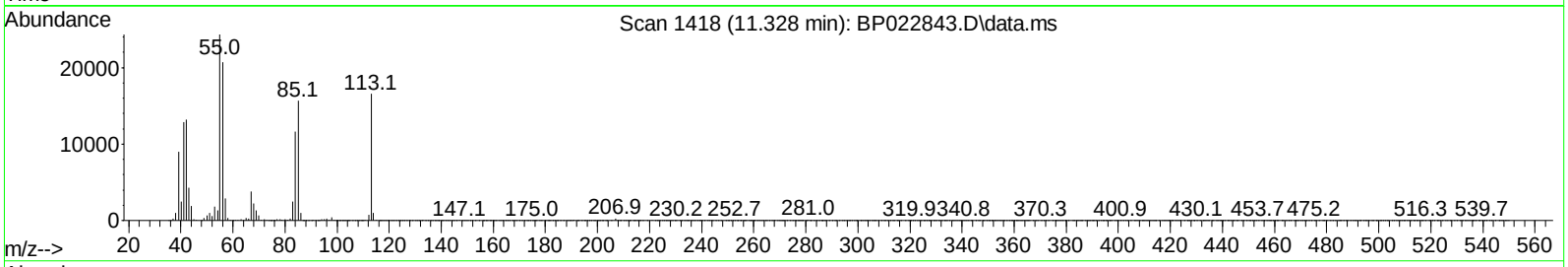
Quant Time: Nov 05 02:54:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

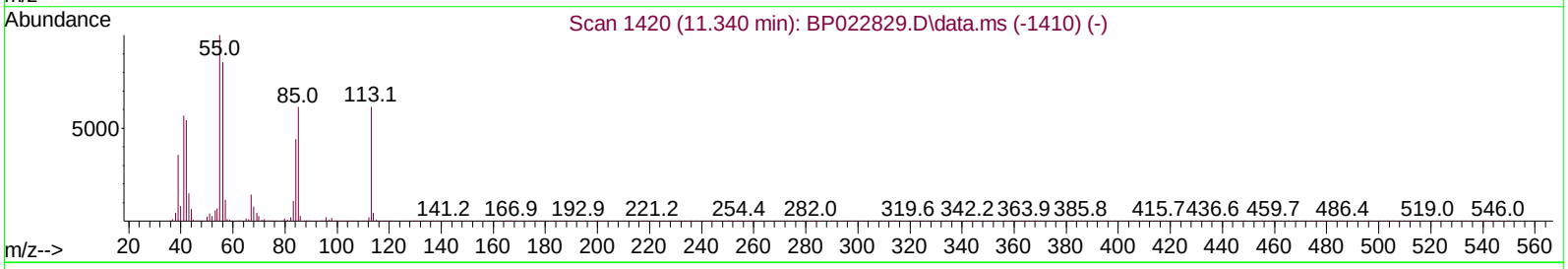
Instrument :
BNA_P
ClientSampleId :
SLCS462

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022843.D\data.ms

(34) Caprolactam

11.328min (-0.018) 17.84 ng/ul

response 38254

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	147.08
56.00	130.00	125.18
0.00	0.00	0.00

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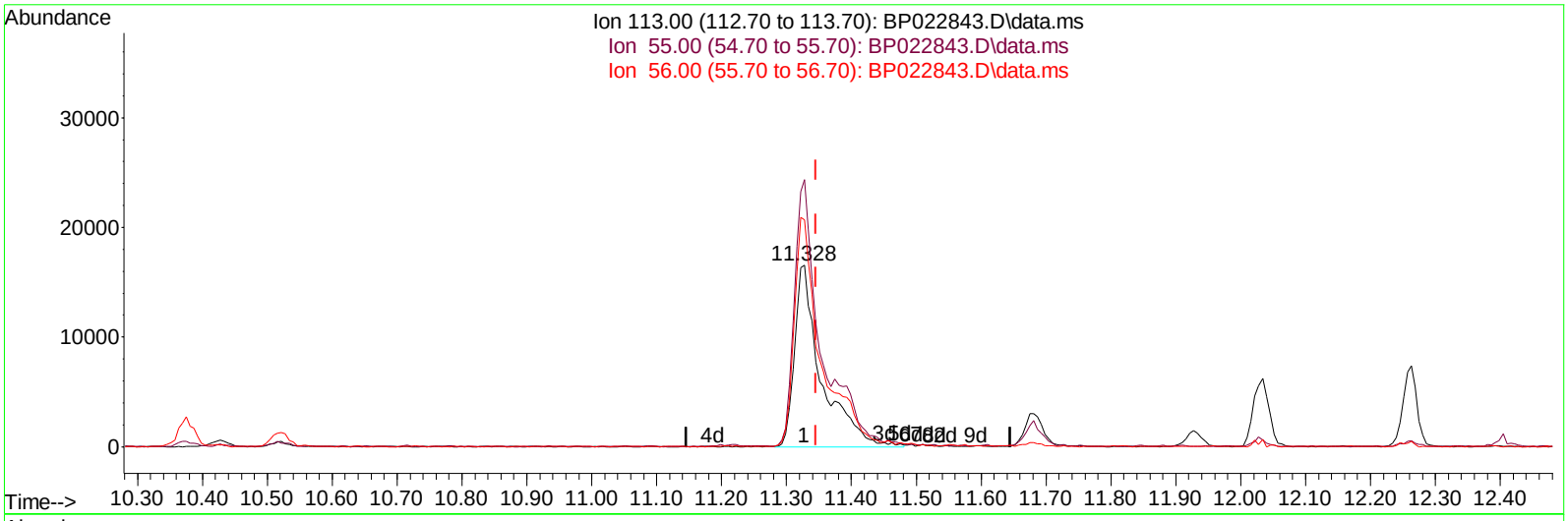

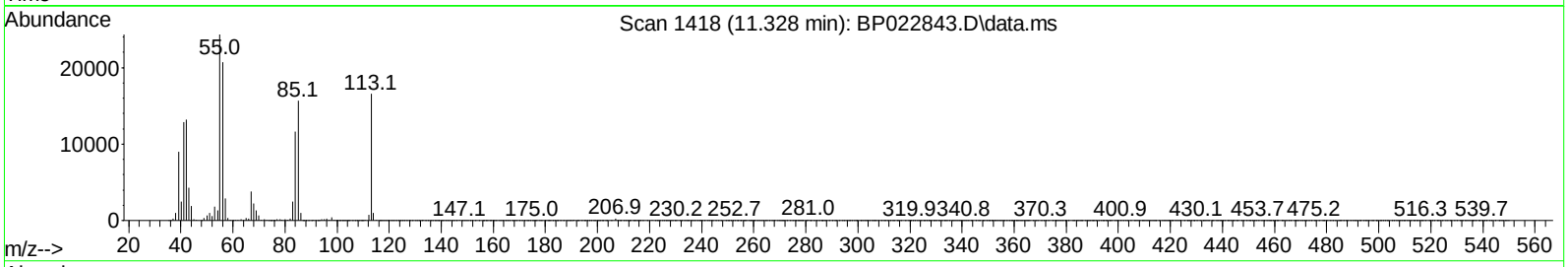

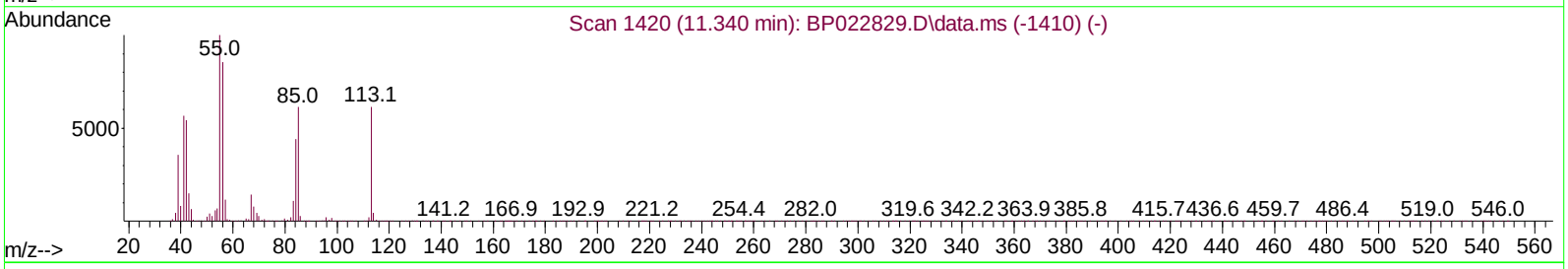

TIC: BP022843.D\data.ms

(34) Caprolactam

11.328min (-0.018) 22.23 ng/ul m

response 47667

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	147.08
56.00	130.00	125.18
0.00	0.00	0.00

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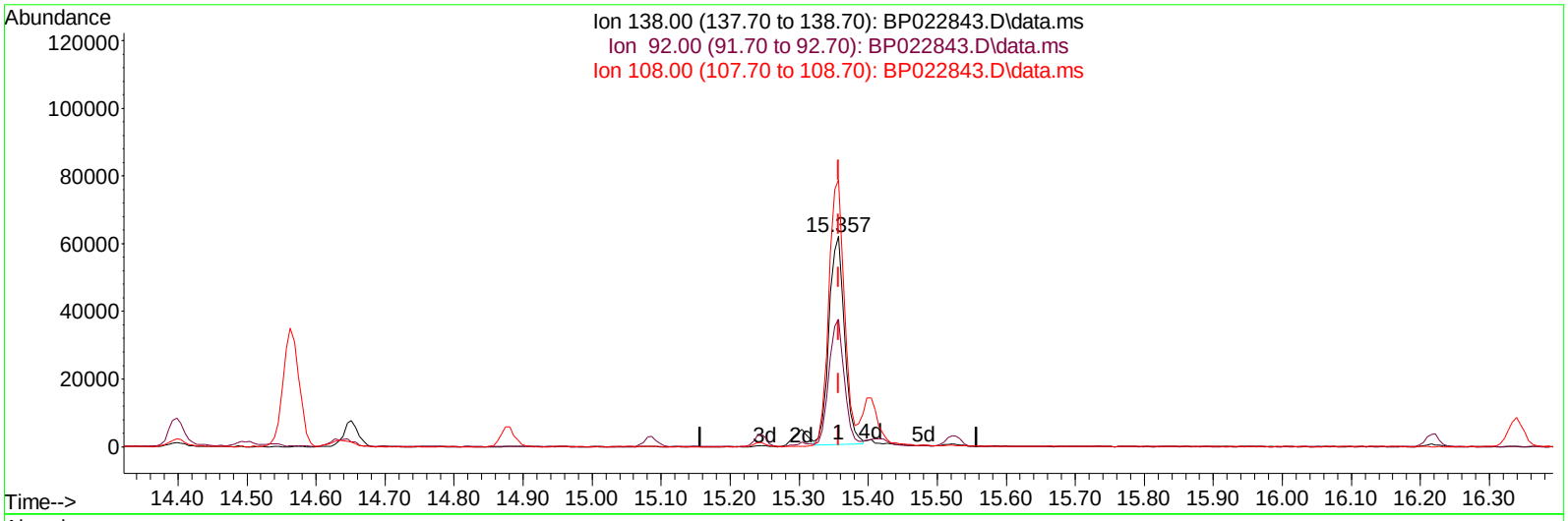

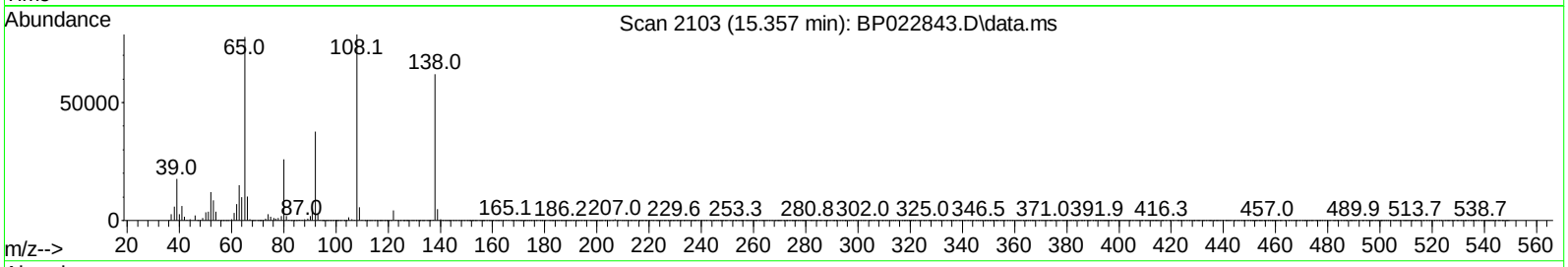

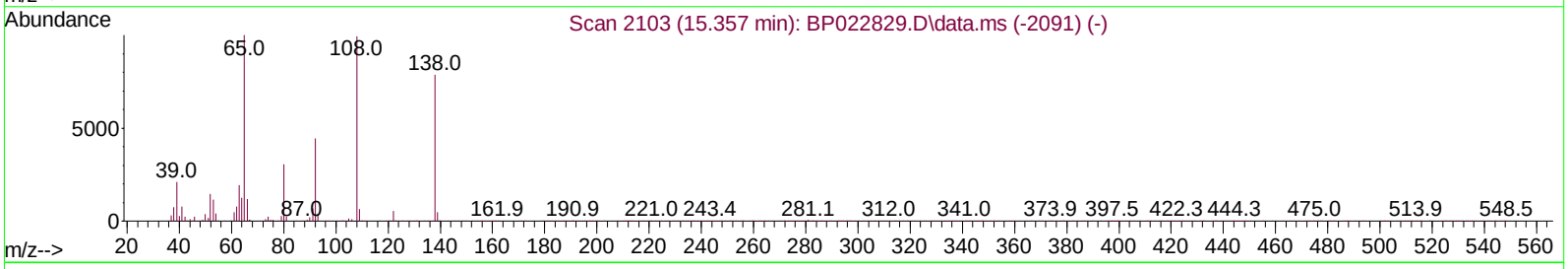

TIC: BP022843.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.000) 23.25 ng/ul

response 96611

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	60.49
108.00	113.30	126.89
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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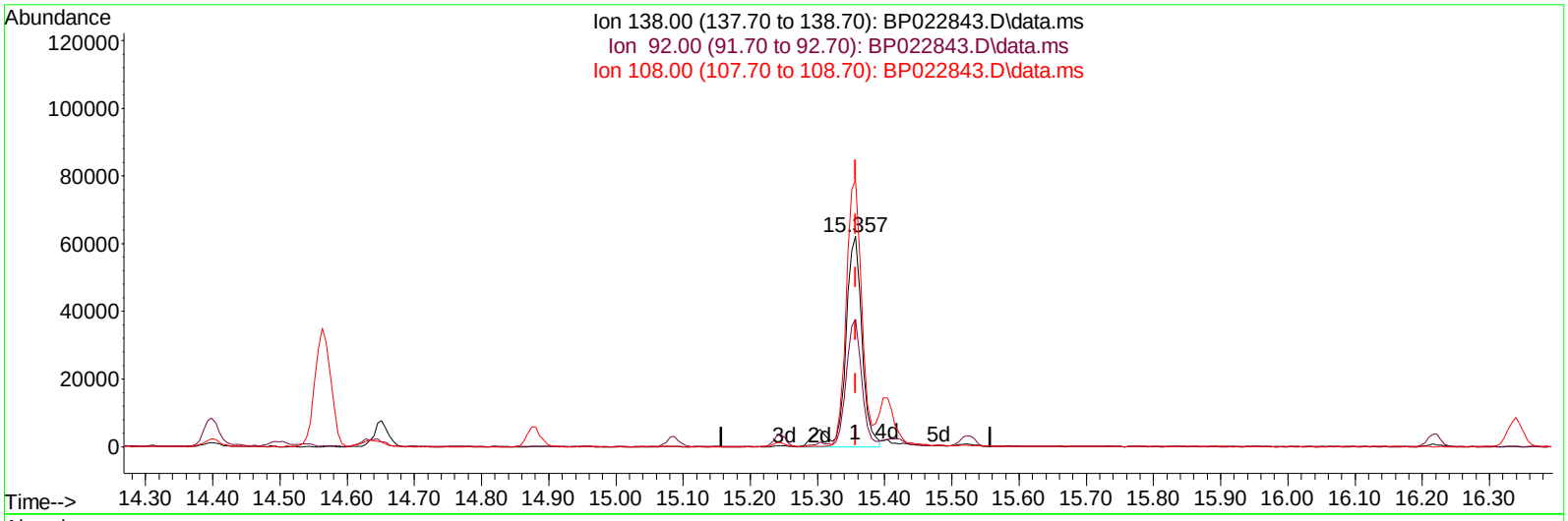

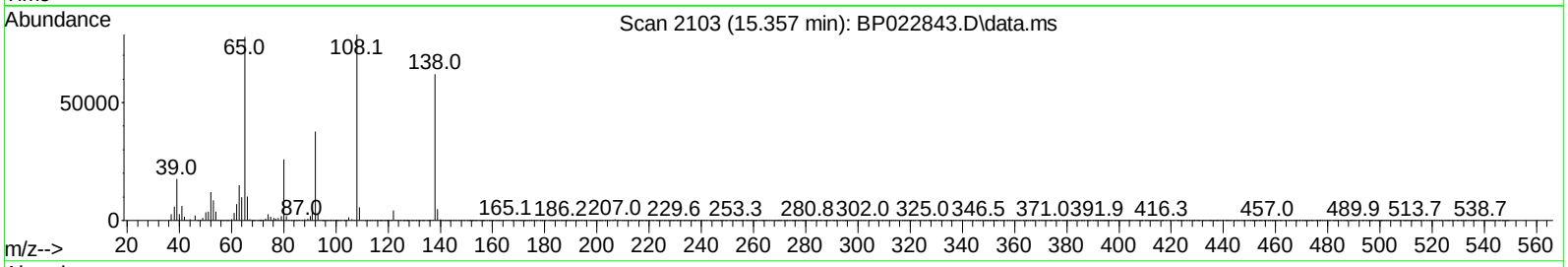

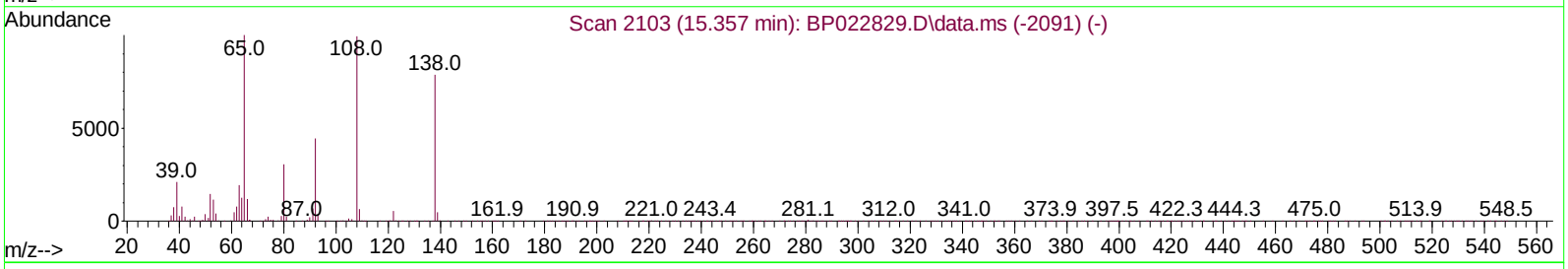

TIC: BP022843.D\data.ms

(63) 4-Nitroaniline

15.357min (-0.000) 25.88 ng/ul m

response 107541

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.40	60.49
108.00	113.30	126.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	92040	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.375	136	357009	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.228	164	293557	20.000	ng/ul	-0.04
64) Phenanthrene-d10	17.051	188	743473	20.000	ng/ul	-0.01
79) Chrysene-d12	21.486	240	833883	20.000	ng/ul	-0.01
88) Perylene-d12	24.721	264	949981	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8662	3.657	ng/uL	0.00
4) Pyridine-d5	3.587	84	130294	20.039	ng/ul	0.00
7) Phenol-d5	6.822	99	171584	22.147	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	92353	20.281	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	128924	23.451	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	143249	23.168	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	61452	22.387	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	76230	23.986	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.010	165	166798	24.694	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.516	131	161798	20.272	ng/ul	-0.02
46) Dimethylphthalate-d6	13.657	166	518652	22.237	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	564074	22.770	ng/ul	-0.03
54) 4-Nitrophenol-d4	14.481	143	79495	20.316	ng/ul	-0.03
60) Fluorene-d10	15.245	176	461541	22.814	ng/ul	-0.03
65) 4,6-Dinitro-2-methylph...	15.404	200	101334	20.724	ng/ul	0.00
73) Anthracene-d10	17.157	188	800485	22.888	ng/ul	-0.01
81) Pyrene-d10	19.539	212	1019491	23.119	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.509	264	1189363	23.443	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	18605	7.306	ng/uL	97
5) Pyridine	3.605	79	132630	19.894	ng/ul	96
6) Benzaldehyde	6.799	77	13072	3.122	ng/ul	90
8) Phenol	6.852	94	185149	22.969	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.063	93	127955	21.210	ng/ul	97
12) 2-Chlorophenol	7.204	128	136538	24.018	ng/ul	96
13) 2-Methylphenol	8.069	108	135061	23.088	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	148290	21.150	ng/ul	99
16) Acetophenone	8.434	105	227467	22.284	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.422	70	114291	22.100	ng/ul	99
18) 4-Methylphenol	8.393	108	149952	23.106	ng/ul	96
19) Hexachloroethane	8.675	117	61160	23.101	ng/ul	98
22) Nitrobenzene	8.810	77	182389	22.259	ng/ul	99
23) Isophorone	9.328	82	324084	22.060	ng/ul	99
25) 2-Nitrophenol	9.510	139	82304	24.030	ng/ul	95
26) 2,4-Dimethylphenol	9.575	107	159331	21.402	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.798	93	181730	21.786	ng/ul	98
29) 2,4-Dichlorophenol	10.040	162	167628	25.201	ng/ul	97
30) Naphthalene	10.428	128	432171	22.728	ng/ul	98
32) 4-Chloroaniline	10.545	127	99525	12.632	ng/ul	97
33) Hexachlorobutadiene	10.704	225	133228	23.764	ng/ul	98
34) Caprolactam	11.328	113	47667m	22.228	ng/ul	
35) 4-Chloro-3-methylphenol	11.681	107	180724	24.902	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.034	142	332744	23.839	ng/ul	98
37) 1-Methylnaphthalene	12.263	142	332480	23.337	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.404	216	249291	22.967	ng/ul	95
40) Hexachlorocyclopentadiene	12.381	237	82287	12.443	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	164389	24.077	ng/ul	99
42) 2,4,5-Trichlorophenol	12.739	196	180378	24.811	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	480094	22.689	ng/ul	98
44) 2-Chloronaphthalene	13.104	162	397059	22.923	ng/ul	98
45) 2-Nitroaniline	13.328	65	119413	23.088	ng/ul	98
47) Dimethylphthalate	13.698	163	527906	22.714	ng/ul	100
48) 2,6-Dinitrotoluene	13.816	165	109544	24.919	ng/ul	100
50) Acenaphthylene	13.957	152	585297	22.765	ng/ul	100
51) 3-Nitroaniline	14.157	138	94122	22.796	ng/ul	98
52) Acenaphthene	14.310	153	419060	23.050	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	62588	19.351	ng/ul	96
55) 4-Nitrophenol	14.498	109	96980	22.331	ng/ul	93
56) Dibenzofuran	14.651	168	638009	23.362	ng/ul	100
57) 2,4-Dinitrotoluene	14.633	165	167772	24.560	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.881	232	171415	25.261	ng/ul	97
59) Diethylphthalate	15.086	149	521069	23.369	ng/ul	99
61) Fluorene	15.304	166	517980	23.278	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	300774	23.637	ng/ul	97
63) 4-Nitroaniline	15.357	138	107541m	25.885	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	111546	21.179	ng/ul	99
67) N-Nitrosodiphenylamine	15.522	169	444908	22.346	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	217708	24.282	ng/ul	97
69) Hexachlorobenzene	16.339	284	268948	24.370	ng/ul	99
70) Atrazine	16.510	200	198458	23.980	ng/ul	96
71) Pentachlorophenol	16.704	266	171717	24.200	ng/ul	95
72) Phenanthrene	17.098	178	912073	22.930	ng/ul	99
74) Anthracene	17.192	178	900416	22.684	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	250033	22.087	ng/uL	97
76) Pentachlorobenzene	14.563	250	279992	22.374	ng/uL	99
77) Carbazole	17.480	167	797934	22.718	ng/ul	99
78) Di-n-butylphthalate	18.057	149	924833	23.797	ng/ul	99
80) Fluoranthene	19.192	202	1221387	24.093	ng/ul	98
82) Pyrene	19.569	202	1285342	23.656	ng/ul	97
83) Butylbenzylphthalate	20.510	149	449399	23.756	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	470288	23.659	ng/ul	99
85) Benzo(a)anthracene	21.468	228	1336940	22.870	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	633163	23.318	ng/ul	100
87) Chrysene	21.533	228	1240471	22.885	ng/ul	99
89) Di-n-octyl phthalate	22.627	149	1065293	23.575	ng/ul	100
90) Benzo(b)fluoranthene	23.698	252	1394746	23.324	ng/ul#	99
91) Benzo(k)fluoranthene	23.768	252	1401171	23.933	ng/ul	99
93) Benzo(a)pyrene	24.580	252	1268798	23.054	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.397	276	1692827	23.050	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.474	278	1363373	22.925	ng/ul#	98
96) Benzo(g,h,i)perylene	29.539	276	1316661	23.049	ng/ul	98

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

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