Quantitation Report (Qedit)

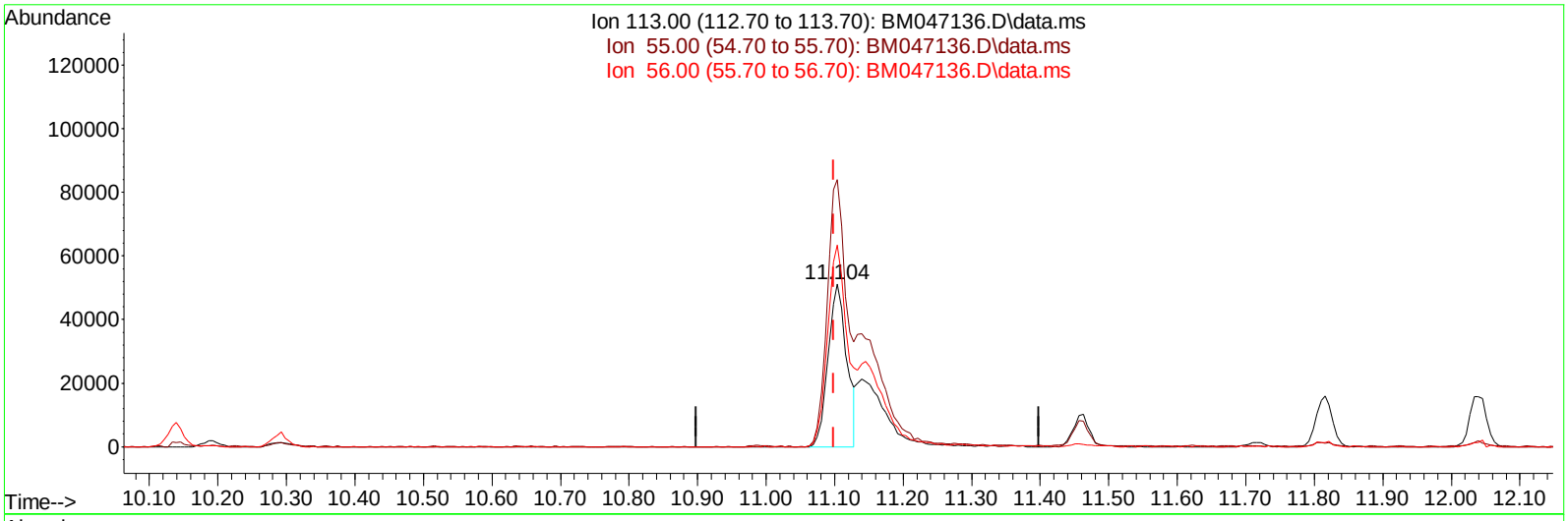
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047136.D
Acq On : 10 Aug 2024 01:10
Operator : RC/JU
Sample : PB162595BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

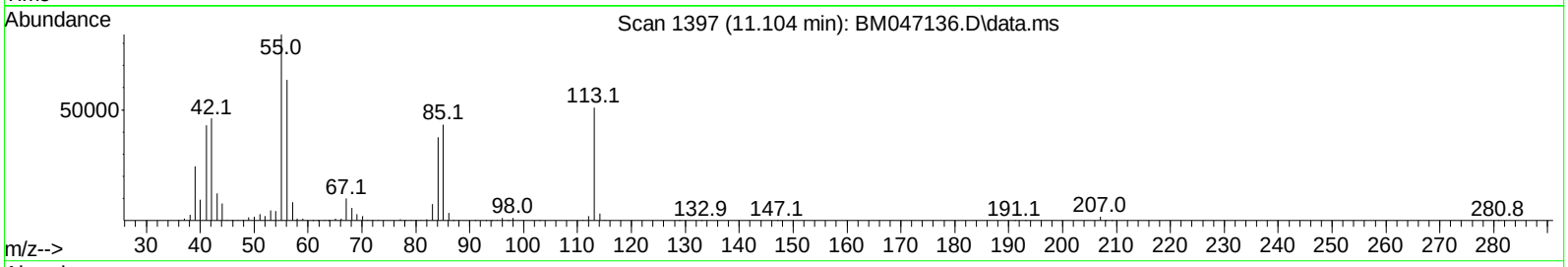
Quant Time: Aug 10 01:45:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration

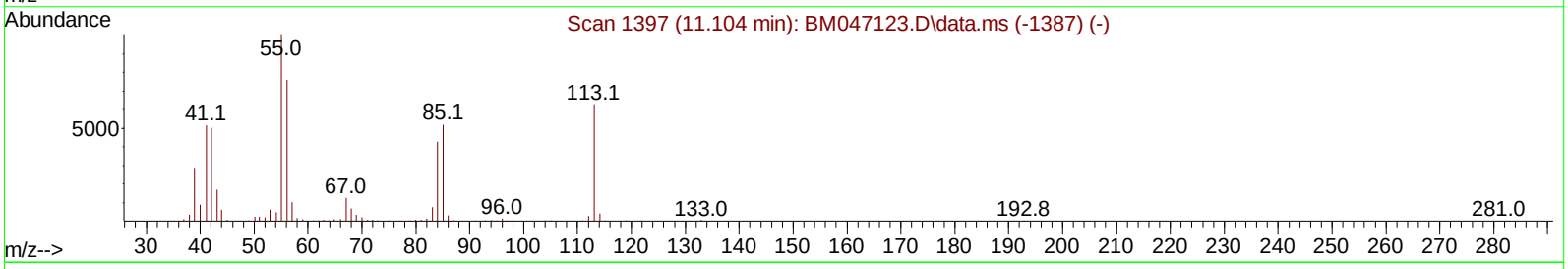
Instrument :
BNA_M
ClientSampleId :
SLCS595

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BM047136.D\data.ms

(34) Caprolactam

11.104min (+ 0.006) 19.17 ng/ul

response 96989

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	164.13#
56.00	118.20	124.05
0.00	0.00	0.00

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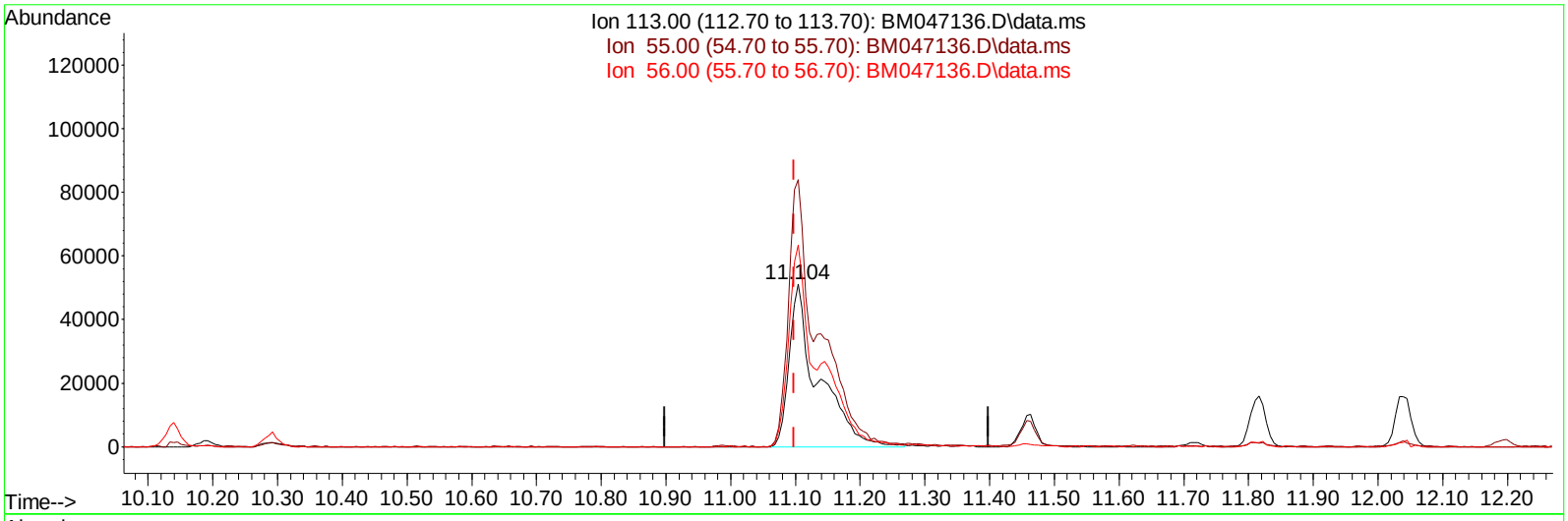

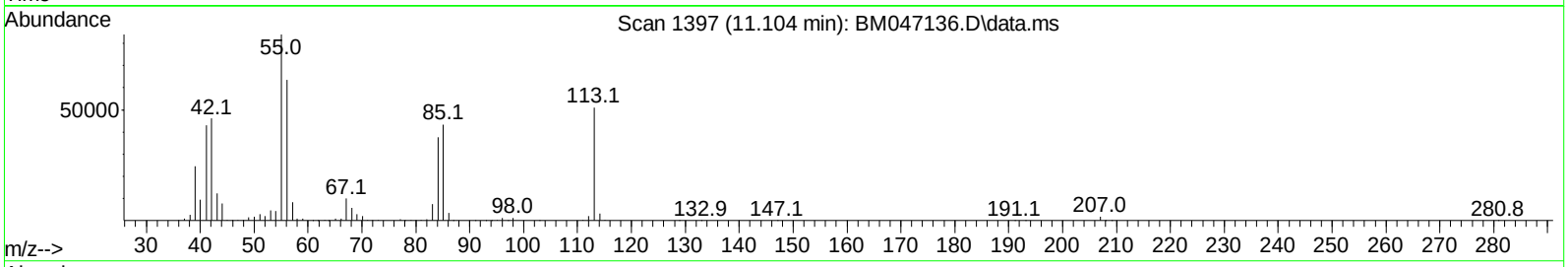

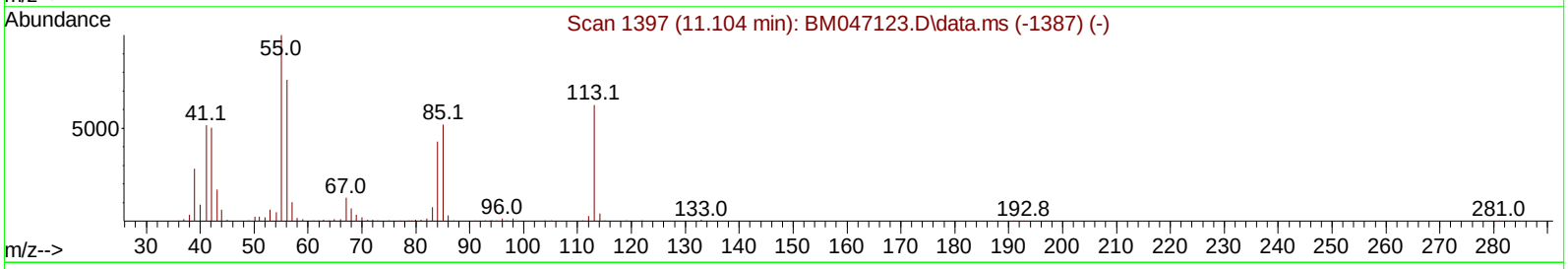

TIC: BM047136.D\data.ms

(34) Caprolactam

11.104min (+ 0.006) 31.33 ng/ul m

response 158542

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	164.13#
56.00	118.20	124.05
0.00	0.00	0.00

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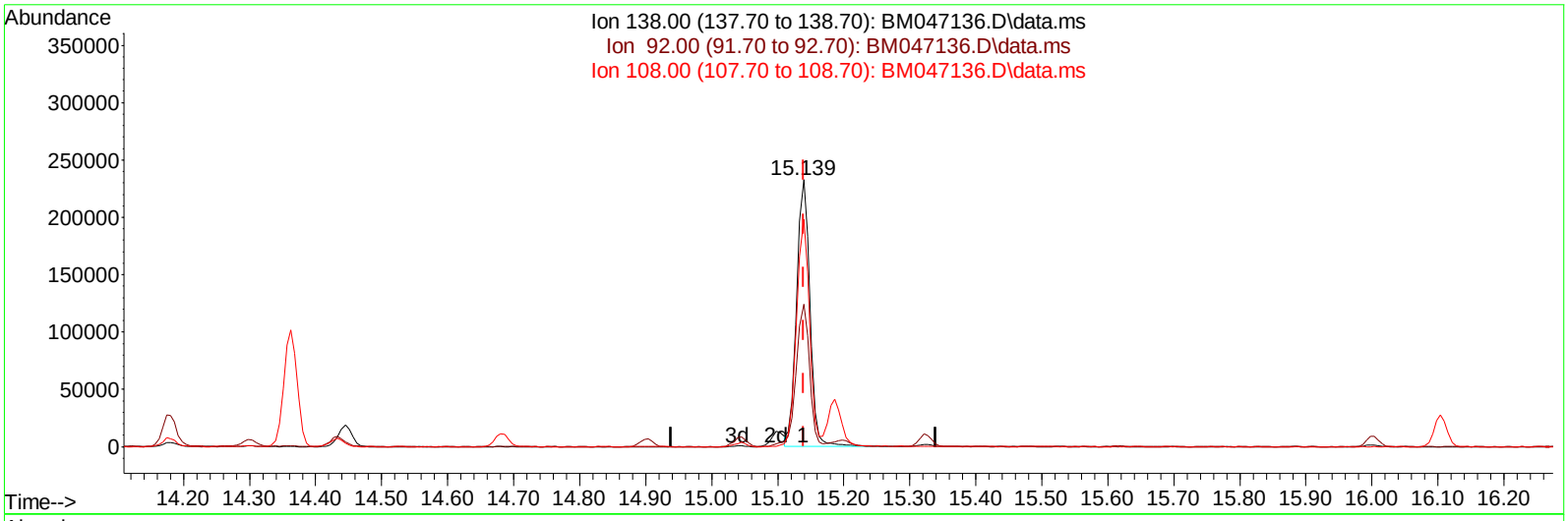

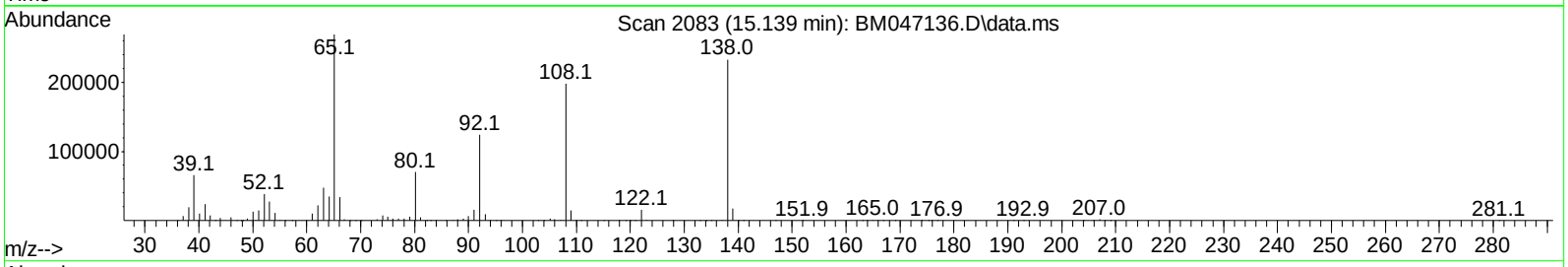

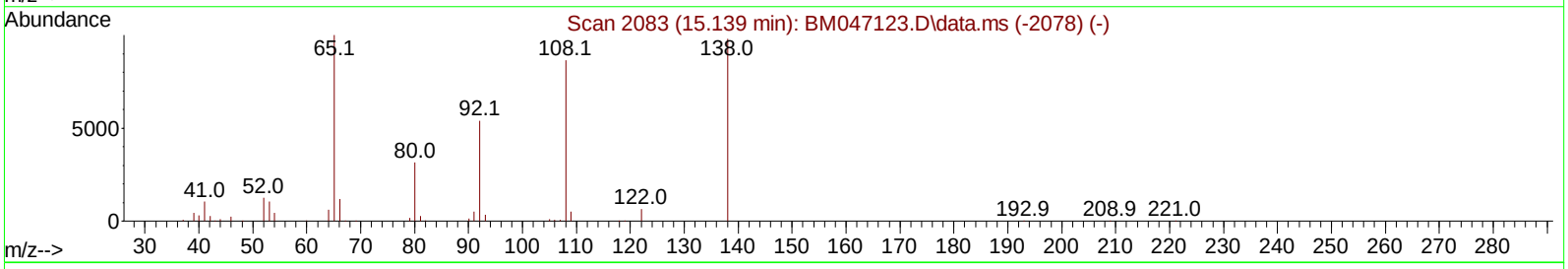

TIC: BM047136.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.000) 34.90 ng/ul

response 324070

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.31
108.00	109.10	85.20#
0.00	0.00	0.00

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ALS Vial : 24 Sample Multiplier: 1

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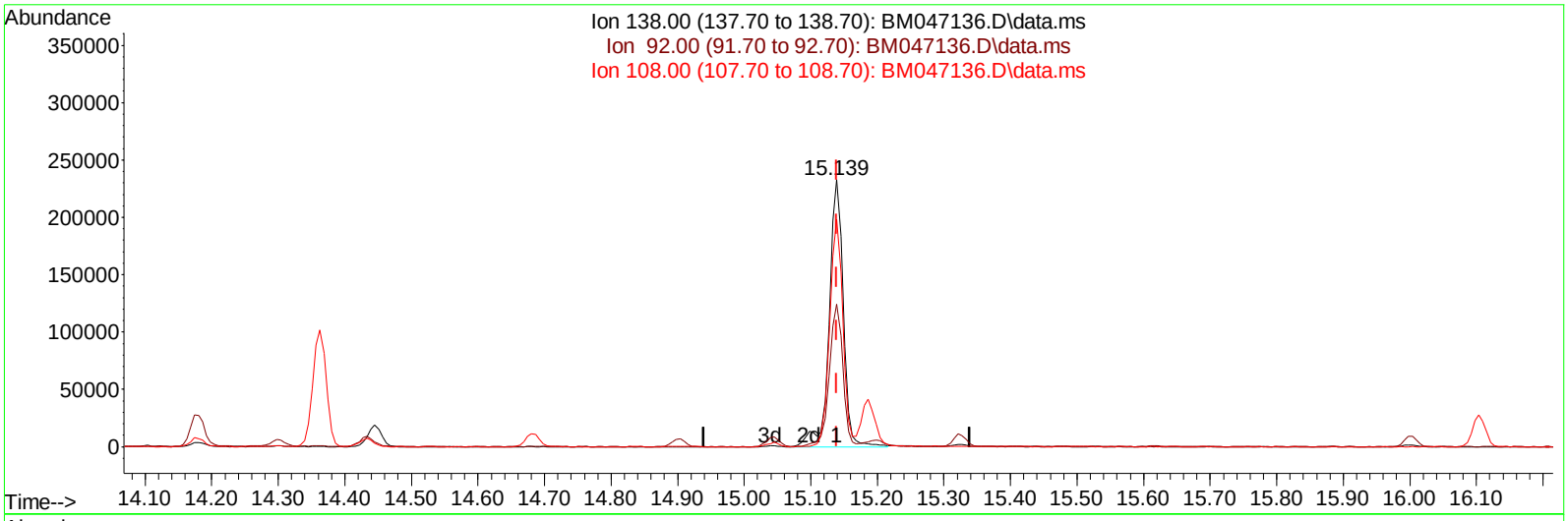

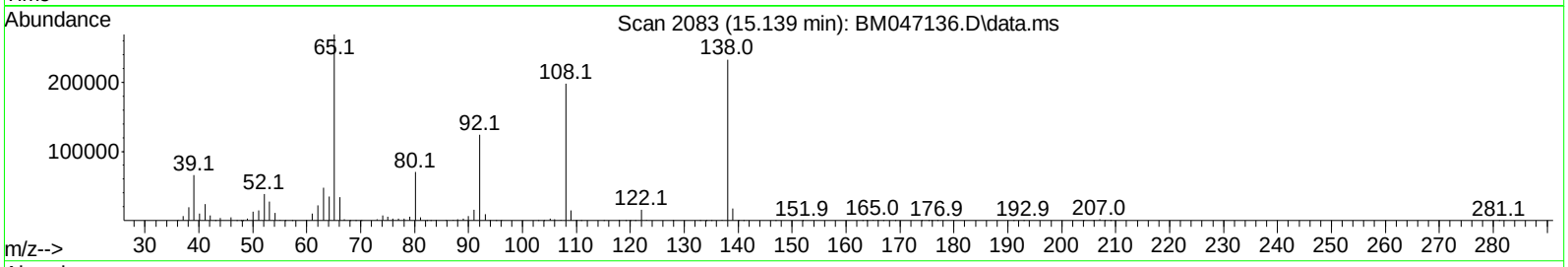

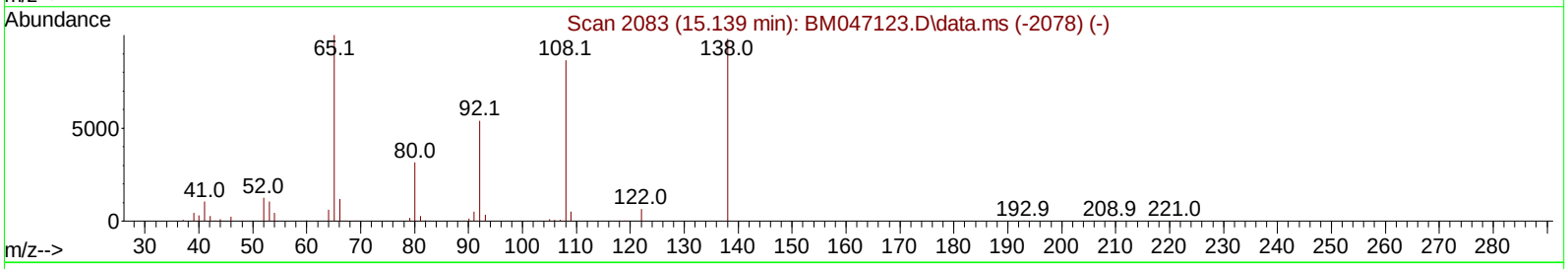

TIC: BM047136.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.000) 36.81 ng/ul m

response 341871

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.31
108.00	109.10	85.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 10 Aug 2024 01:10
Operator : RC/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 10 01:46:51 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	256892	20.000	ng/ul	0.00
20) Naphthalene-d8	10.139	136	995847	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	618626	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1283907	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.033	240	1097302	20.000	ng/ul	0.00
88) Perylene-d12	23.738	264	1267206	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.010	96	43480	6.705	ng/uL	0.00
4) Pyridine-d5	3.399	84	524900	29.677	ng/ul	0.00
7) Phenol-d5	6.593	99	650522	33.335	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	412477	32.124	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	508175	30.741	ng/ul	0.00
15) 4-Methylphenol-d8	8.104	113	490933	31.757	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	248798	31.134	ng/ul	0.00
24) 2-Nitrophenol-d4	9.239	143	277621	31.813	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	512283	30.575	ng/ul	0.00
31) 4-Chloroaniline-d4	10.292	131	625317	28.398	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	1356979	28.688	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1632727	30.924	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	279000	30.506	ng/ul	0.00
60) Fluorene-d10	15.045	176	1209053	29.881	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	234223	28.875	ng/ul	0.00
73) Anthracene-d10	16.898	188	1808965	29.721	ng/ul	0.00
81) Pyrene-d10	19.209	212	2132055	33.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	2167874	32.489	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	75170	10.418	ng/uL	98
5) Pyridine	3.416	79	538196	30.736	ng/ul	96
6) Benzaldehyde	6.545	77	347387	30.992	ng/ul	99
8) Phenol	6.616	94	672496	34.219	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.834	93	545532	32.567	ng/ul	97
12) 2-Chlorophenol	6.957	128	536048	32.008	ng/ul	99
13) 2-Methylphenol	7.840	108	490083	32.736	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.910	45	720300	35.884	ng/ul	99
16) Acetophenone	8.204	105	758820	31.186	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.198	70	397992	31.017	ng/ul	97
18) 4-Methylphenol	8.169	108	524469	32.424	ng/ul	98
19) Hexachloroethane	8.434	117	233046	28.567	ng/ul	95
22) Nitrobenzene	8.569	77	645099	30.216	ng/ul	95
23) Isophorone	9.098	82	1123461	30.753	ng/ul	98
25) 2-Nitrophenol	9.275	139	302355	31.672	ng/ul#	90
26) 2,4-Dimethylphenol	9.351	107	440025	23.384	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.581	93	703169	31.224	ng/ul	99
29) 2,4-Dichlorophenol	9.804	162	504311	30.179	ng/ul	98
30) Naphthalene	10.186	128	1590393	30.163	ng/ul	99
32) 4-Chloroaniline	10.316	127	590120	27.597	ng/ul	100
33) Hexachlorobutadiene	10.475	225	310808	25.780	ng/ul	97
34) Caprolactam	11.104	113	158542m	31.330	ng/ul	
35) 4-Chloro-3-methylphenol	11.463	107	517468	30.031	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	11.816	142	1097439	29.808	ng/ul	99
37) 1-Methylnaphthalene	12.039	142	1088569	29.208	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	571676	29.466	ng/ul	99
40) Hexachlorocyclopentadiene	12.175	237	227669	17.814	ng/ul	95
41) 2,4,6-Trichlorophenol	12.451	196	350286	27.584	ng/ul	98
42) 2,4,5-Trichlorophenol	12.527	196	396223	28.898	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	1411288	30.494	ng/ul	98
44) 2-Chloronaphthalene	12.898	162	1147471	31.221	ng/ul	97
45) 2-Nitroaniline	13.122	65	369001	33.039	ng/ul	99
47) Dimethylphthalate	13.516	163	1396645	29.426	ng/ul	99
48) 2,6-Dinitrotoluene	13.633	165	298974	32.403	ng/ul	87
50) Acenaphthylene	13.757	152	1796606	32.219	ng/ul	99
51) 3-Nitroaniline	13.963	138	325484	34.638	ng/ul	97
52) Acenaphthene	14.104	153	1181979	29.402	ng/ul	99
53) 2,4-Dinitrophenol	14.180	184	164348	25.244	ng/ul	89
55) 4-Nitrophenol	14.298	109	234410	25.325	ng/ul#	78
56) Dibenzofuran	14.445	168	1655913	29.350	ng/ul	94
57) 2,4-Dinitrotoluene	14.433	165	438849	31.124	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.680	232	285452	23.419	ng/ul#	97
59) Diethylphthalate	14.904	149	1408172	27.579	ng/ul	99
61) Fluorene	15.098	166	1362333	29.275	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.104	204	628466	27.433	ng/ul	95
63) 4-Nitroaniline	15.139	138	341871m	36.815	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	259609	29.249	ng/ul#	90
67) N-Nitrosodiphenylamine	15.321	169	1177919	30.952	ng/ul	100
68) 4-Bromophenyl-phenylether	16.004	248	410711	29.555	ng/ul	91
69) Hexachlorobenzene	16.104	284	493377	30.151	ng/ul	98
70) Atrazine	16.292	200	38471	2.577	ng/ul	98
71) Pentachlorophenol	16.457	266	234608	21.176	ng/ul	97
72) Phenanthrene	16.839	178	2207465	30.672	ng/ul	100
74) Anthracene	16.933	178	2191271	30.191	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.816	216	570342	30.875	ng/uL	95
76) Pentachlorobenzene	14.363	250	537929	28.132	ng/uL	99
77) Carbazole	17.215	167	2114167	31.420	ng/ul	99
78) Di-n-butylphthalate	17.798	149	2446949	28.598	ng/ul	99
80) Fluoranthene	18.874	202	2589214	34.491	ng/ul	98
82) Pyrene	19.239	202	2671751	33.401	ng/ul	95
83) Butylbenzylphthalate	20.180	149	1155435	33.049	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.962	252	864166	32.125	ng/ul	99
85) Benzo(a)anthracene	21.021	228	2597384	32.410	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1616909	31.680	ng/ul	99
87) Chrysene	21.074	228	2444587	31.983	ng/ul	100
89) Di-n-octyl phthalate	22.015	149	2855584	31.942	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2714934	34.636	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	2606259	33.646	ng/ul	99
93) Benzo(a)pyrene	23.615	252	2381934	32.618	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.738	276	3081316	32.933	ng/ul	98
95) Dibenzo(a,h)anthracene	26.785	278	2495797	33.210	ng/ul	98
96) Benzo(g,h,i)perylene	27.668	276	2448550	33.123	ng/ul	97

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

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