Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035496.D
Acq On : 07 Dec 2024 18:57
Operator : RC/JU
Sample : PB165449BS
Misc :
ALS Vial : 79 Sample Multiplier: 1

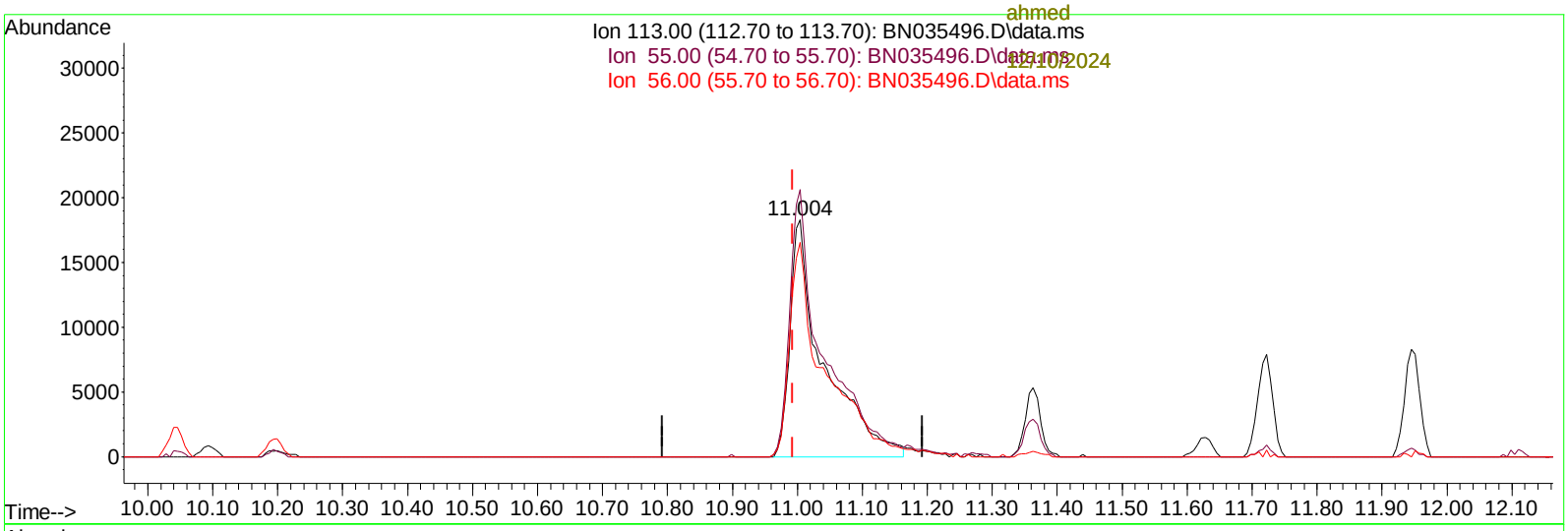
Quant Time: Dec 09 00:49:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

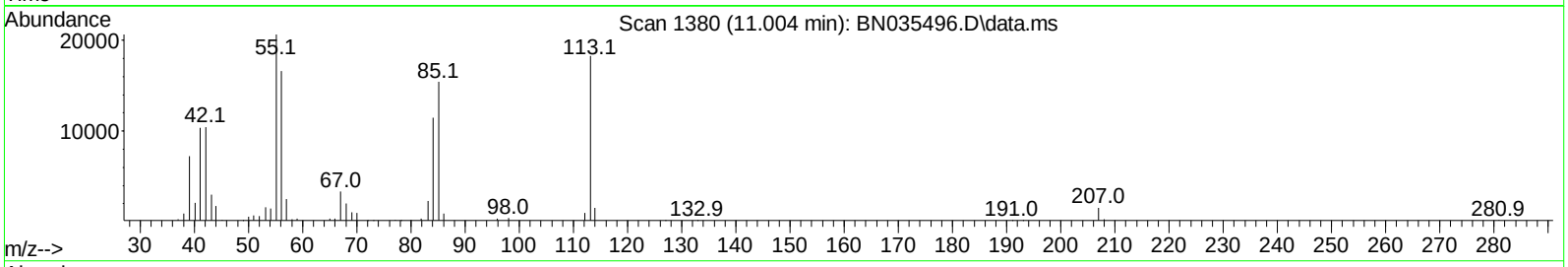
Instrument :
BNA_N
ClientSampleId :
SLCS449

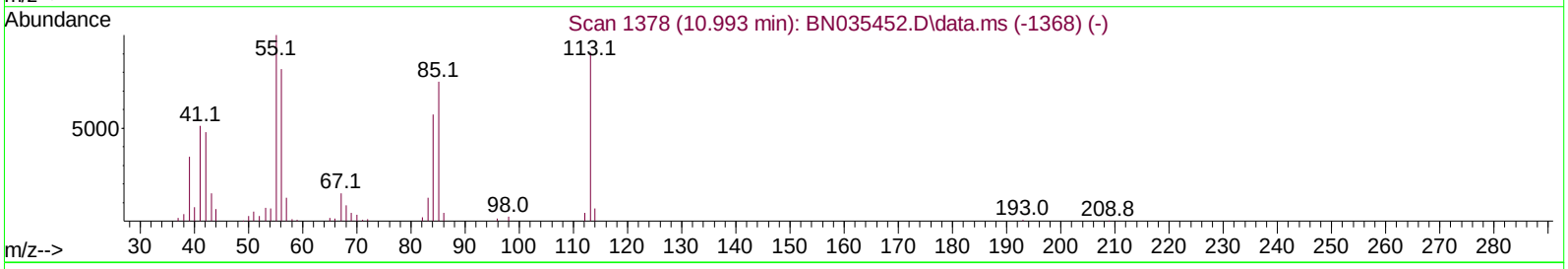
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024

12/09/2024
Supervised By :mohammad ahmed
12/10/2024







TIC: BN035496.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 36.58 ng/ul

response 65510

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	112.72
56.00	86.70	90.60
0.00	0.00	0.00

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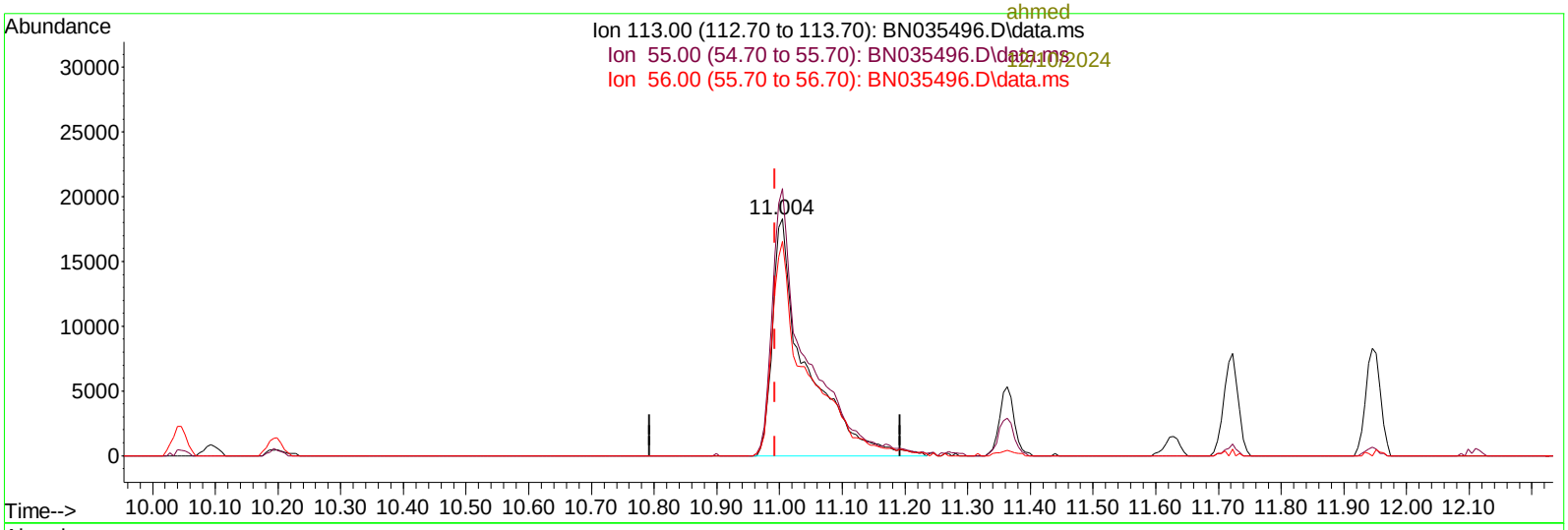

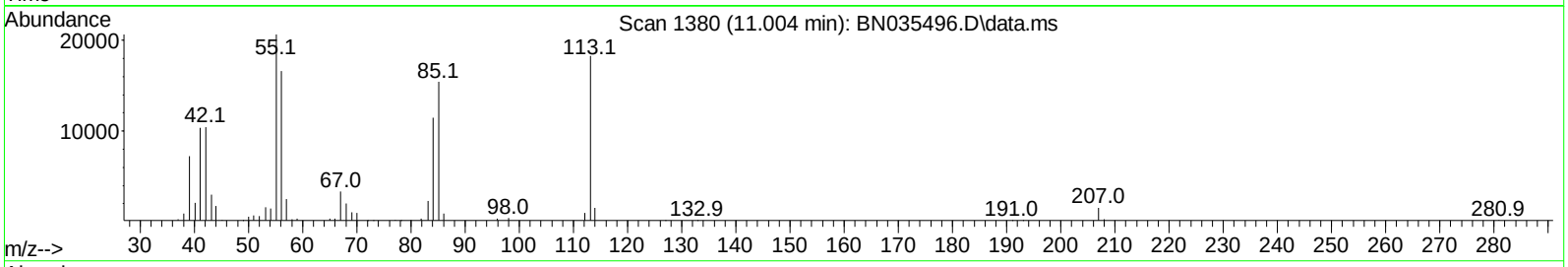

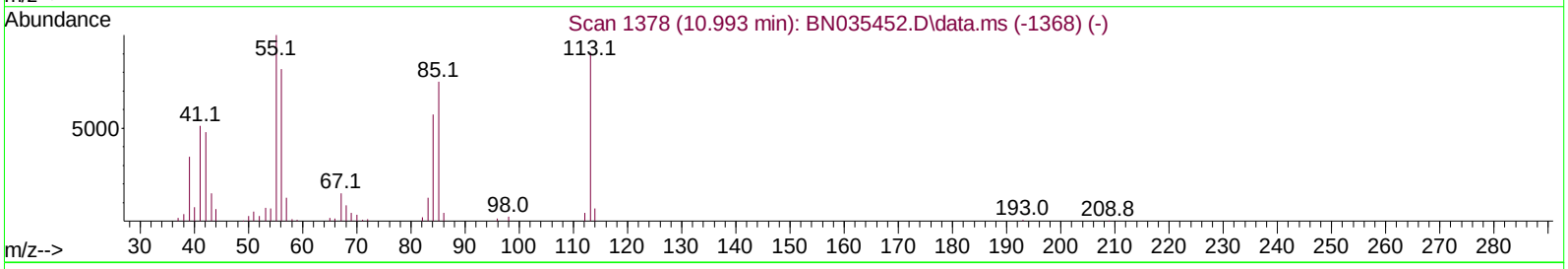

TIC: BN035496.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 37.47 ng/ul m

response 67106

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	112.72
56.00	86.70	90.60
0.00	0.00	0.00

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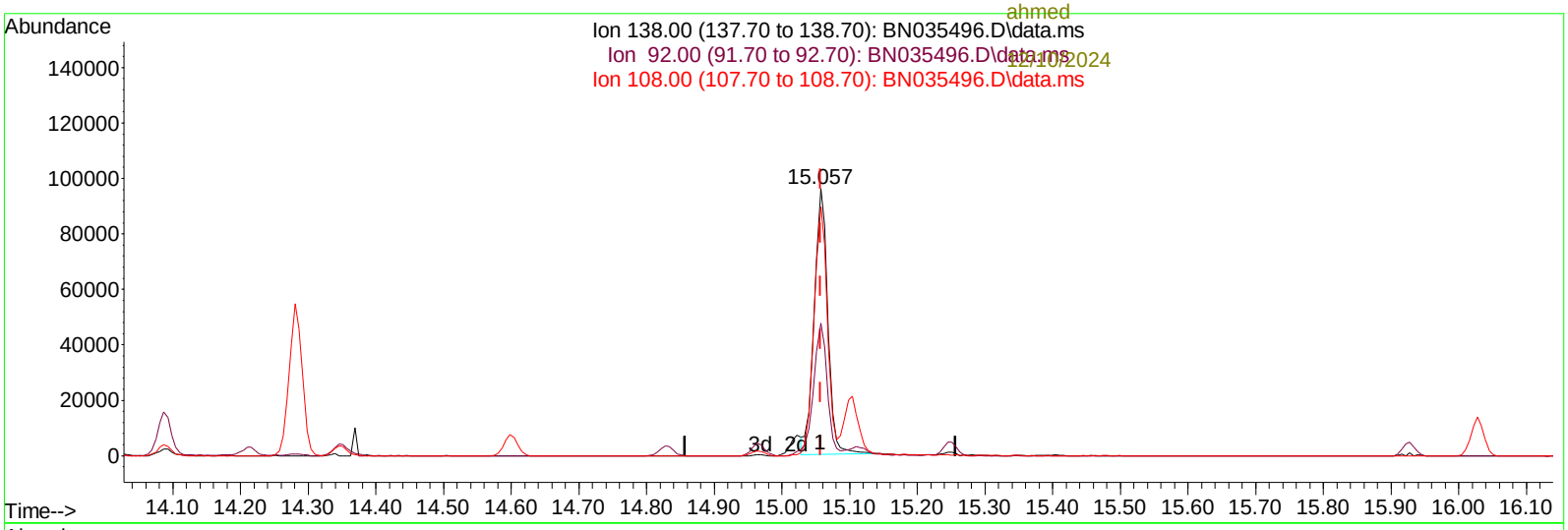

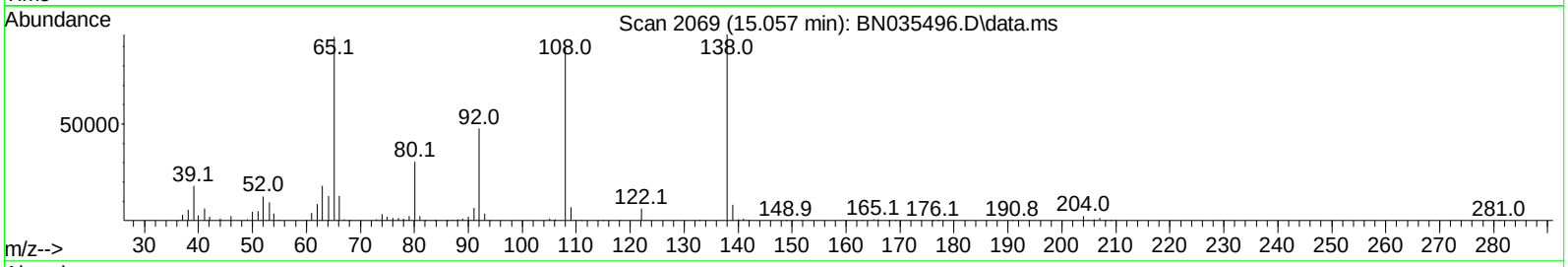

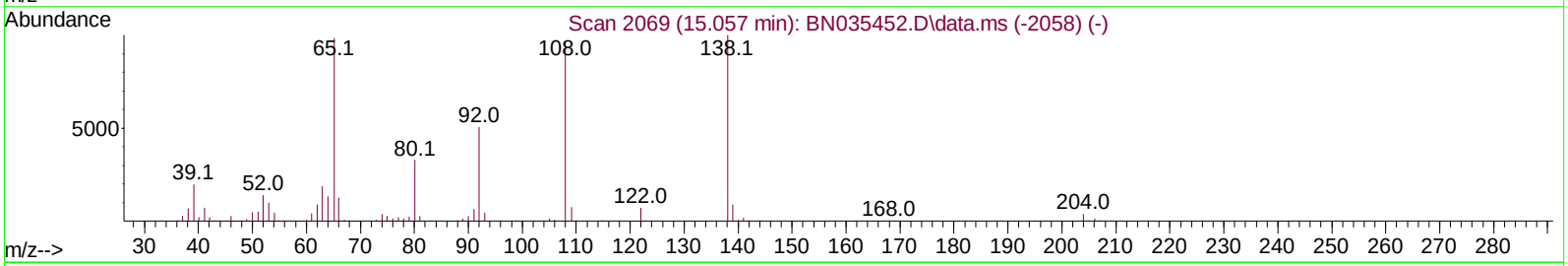

TIC: BN035496.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 37.09 ng/ul

response 134827

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	49.56
108.00	94.00	93.25
0.00	0.00	0.00

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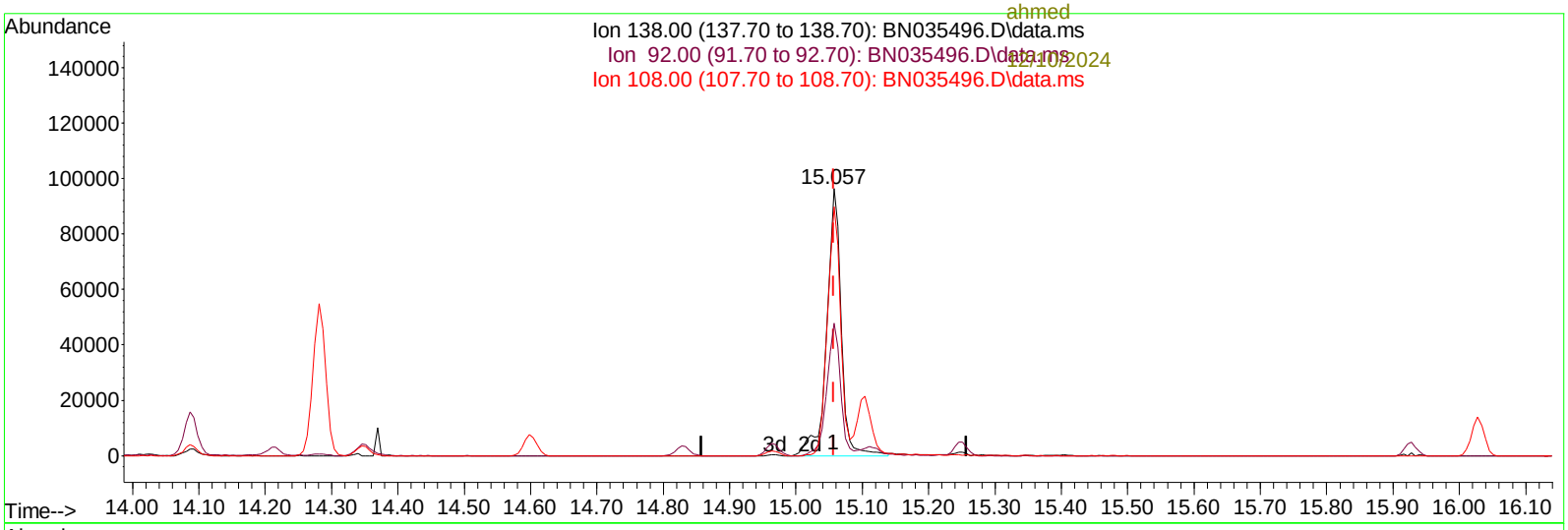

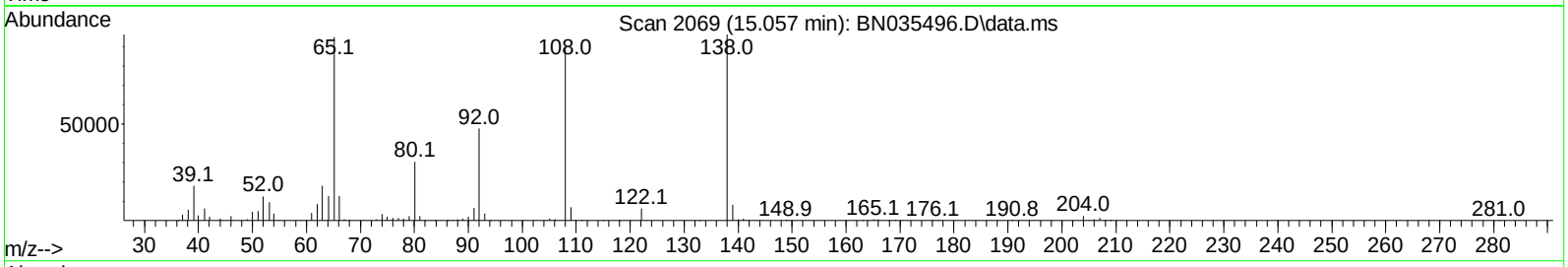

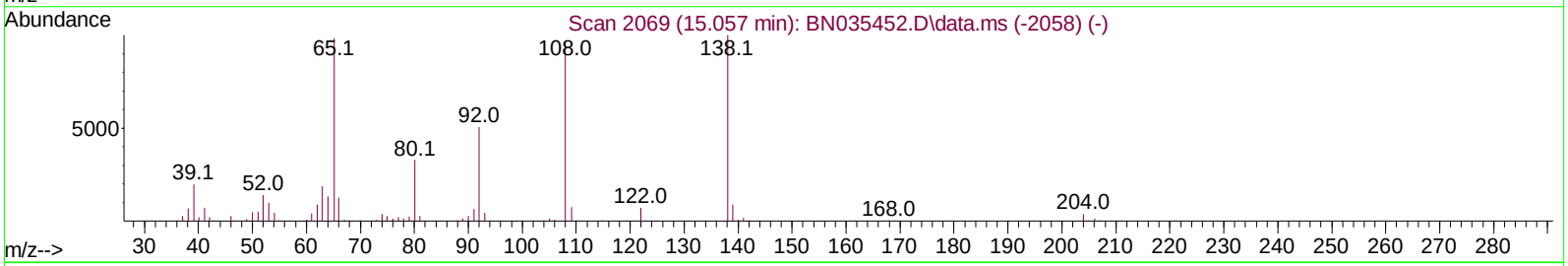

TIC: BN035496.D\data.ms

(63) 4-Nitroaniline

15.057min (-0.000) 40.38 ng/ul m

response 146797

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	49.56
108.00	94.00	93.25
0.00	0.00	0.00

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12/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	88814	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	372738	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	302294	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.722	188	629749	20.000	ng/ul	0.00
79) Chrysene-d12	20.975	240	529506	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	549993	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.970	96	12631	6.720	ng/uL	0.00
4) Pyridine-d5	3.352	84	160406	32.376	ng/ul	0.01
7) Phenol-d5	6.505	99	265218	41.918	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	125412	35.543	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	221973	41.401	ng/ul	0.00
15) 4-Methylphenol-d8	8.016	113	219456	39.801	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	94857	39.170	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	115930	41.359	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	258644	42.219	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	266108	35.179	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	778384	35.861	ng/ul	0.00
49) Acenaphthylene-d8	13.640	160	840077	35.143	ng/ul	0.00
54) 4-Nitrophenol-d4	14.198	143	132093	36.957	ng/ul	0.00
60) Fluorene-d10	14.963	176	649638	34.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	136849	41.205	ng/ul	0.00
73) Anthracene-d10	16.822	188	975045	35.104	ng/ul	0.00
81) Pyrene-d10	19.145	212	1053894	37.684	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	989006	37.135	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.999	88	26723	12.680	ng/uL#	94
5) Pyridine	3.370	79	157016	31.604	ng/ul	98
6) Benzaldehyde	6.458	77	32696	9.581	ng/ul	99
8) Phenol	6.534	94	272338	41.560	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.752	93	181536	35.387	ng/ul	99
12) 2-Chlorophenol	6.875	128	225683	40.447	ng/ul	97
13) 2-Methylphenol	7.752	108	204192	40.133	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.822	45	141916	35.001	ng/ul	98
16) Acetophenone	8.111	105	306693	35.220	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.111	70	150070	36.250	ng/ul	98
18) 4-Methylphenol	8.081	108	232568	41.137	ng/ul	100
19) Hexachloroethane	8.346	117	82313	34.529	ng/ul	96
22) Nitrobenzene	8.475	77	230532	37.900	ng/ul	98
23) Isophorone	9.005	82	456954	37.489	ng/ul	99
25) 2-Nitrophenol	9.175	139	126893	39.958	ng/ul	99
26) 2,4-Dimethylphenol	9.258	107	257707	40.486	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.493	93	266388	35.876	ng/ul	97
29) 2,4-Dichlorophenol	9.710	162	260303	41.992	ng/ul	98
30) Naphthalene	10.093	128	658517	34.763	ng/ul	99
32) 4-Chloroaniline	10.216	127	168758	23.289	ng/ul	100
33) Hexachlorobutadiene	10.387	225	153189	35.017	ng/ul	99
34) Caprolactam	11.004	113	67106m	37.467	ng/ul	
35) 4-Chloro-3-methylphenol	11.363	107	255285	39.535	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	501424	35.547	ng/ul	100
37) 1-Methylnaphthalene	11.946	142	506214	35.005	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.104	216	301956	33.894	ng/ul	100
40) Hexachlorocyclopentadiene	12.087	237	154055	34.422	ng/ul	93
41) 2,4,6-Trichlorophenol	12.363	196	223220	38.638	ng/ul	97
42) 2,4,5-Trichlorophenol	12.434	196	245412	38.127	ng/ul	98
43) 1,1'-Biphenyl	12.775	154	705817	33.832	ng/ul	95
44) 2-Chloronaphthalene	12.804	162	561197	33.630	ng/ul	100
45) 2-Nitroaniline	13.028	65	138966	42.370	ng/ul	98
47) Dimethylphthalate	13.434	163	780240	35.931	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	154173	42.598	ng/ul	98
50) Acenaphthylene	13.669	152	871007	34.281	ng/ul	99
51) 3-Nitroaniline	13.881	138	136892	36.520	ng/ul	100
52) Acenaphthene	14.022	153	628907	34.391	ng/ul	97
53) 2,4-Dinitrophenol	14.087	184	94468	37.368	ng/ul	96
55) 4-Nitrophenol	14.216	109	121992	36.137	ng/ul	95
56) Dibenzofuran	14.363	168	895271	34.431	ng/ul	98
57) 2,4-Dinitrotoluene	14.345	165	231350	40.282	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.604	232	208096	37.111	ng/ul	96
59) Diethylphthalate	14.828	149	762489	35.928	ng/ul	98
61) Fluorene	15.022	166	713289	34.053	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.028	204	362431	33.864	ng/ul	98
63) 4-Nitroaniline	15.057	138	146797m	40.381	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	148194	41.183	ng/ul#	96
67) N-Nitrosodiphenylamine	15.251	169	634537	37.927	ng/ul	98
68) 4-Bromophenyl-phenylether	15.928	248	232250	36.467	ng/ul	99
69) Hexachlorobenzene	16.034	284	270997	35.846	ng/ul	95
70) Atrazine	16.228	200	234212	39.196	ng/ul	98
71) Pentachlorophenol	16.381	266	181412	37.797	ng/ul	88
72) Phenanthrene	16.769	178	1130517	34.867	ng/ul	99
74) Anthracene	16.857	178	1120958	34.242	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.728	216	303708	36.373	ng/uL	98
76) Pentachlorobenzene	14.281	250	314143	36.547	ng/uL	98
77) Carbazole	17.139	167	974194	35.762	ng/ul	99
78) Di-n-butylphthalate	17.734	149	1181917	37.272	ng/ul	99
80) Fluoranthene	18.804	202	1271660	38.743	ng/ul	99
82) Pyrene	19.175	202	1338923	38.037	ng/ul	99
83) Butylbenzylphthalate	20.128	149	436272	43.974	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.904	252	327082	34.646	ng/ul	98
85) Benzo(a)anthracene	20.963	228	1224663	34.452	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.933	149	664346	42.469	ng/ul	99
87) Chrysene	21.016	228	1181996	34.510	ng/ul	99
89) Di-n-octyl phthalate	21.963	149	1076538	43.061	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	1161374	36.634	ng/ul	97
91) Benzo(k)fluoranthene	22.869	252	1195903	36.839	ng/ul	98
93) Benzo(a)pyrene	23.527	252	1085289	36.476	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	1249153	35.196	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	1012594	35.213	ng/ul	98
96) Benzo(g,h,i)perylene	27.504	276	938156	34.827	ng/ul	99

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

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