Quantitation Report (Qedit)

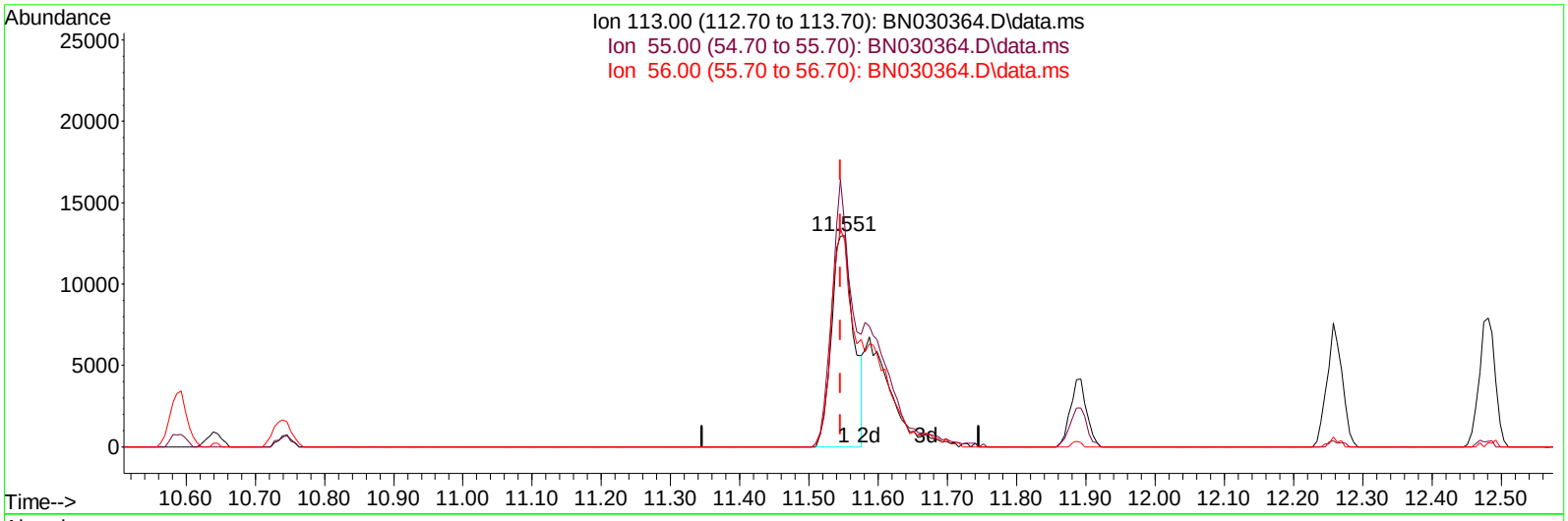
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031124\
Data File : BN030364.D
Acq On : 11 Mar 2024 17:32
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

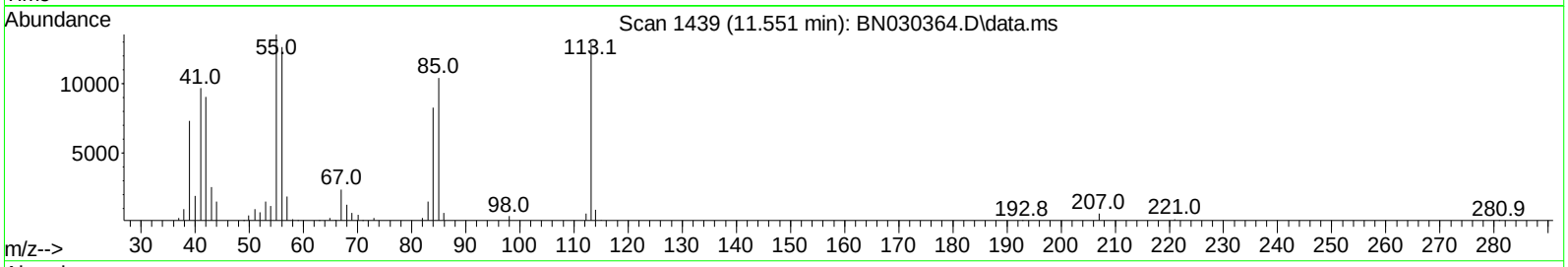
Quant Time: Mar 11 18:09:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 13:57:34 2024
Response via : Initial Calibration

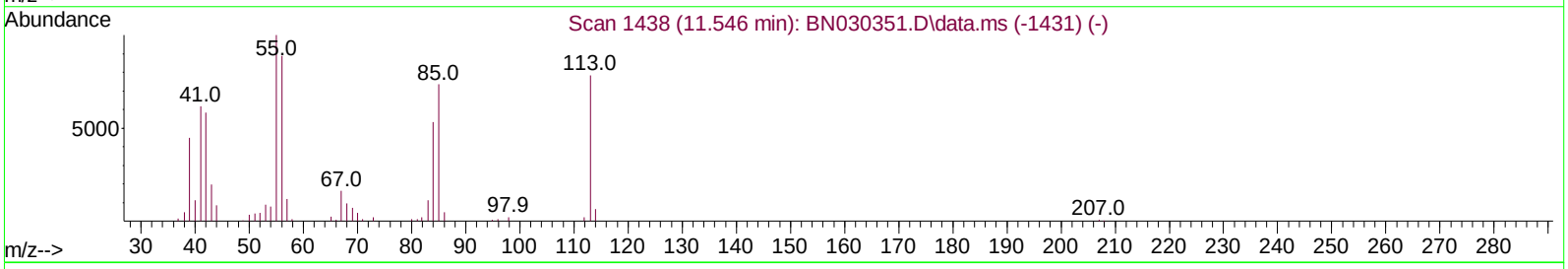
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024







TIC: BN030364.D\data.ms

(34) Caprolactam

11.551min (+ 0.006) 12.14 ng/ul

response 28595

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	104.39
56.00	113.50	97.56
0.00	0.00	0.00

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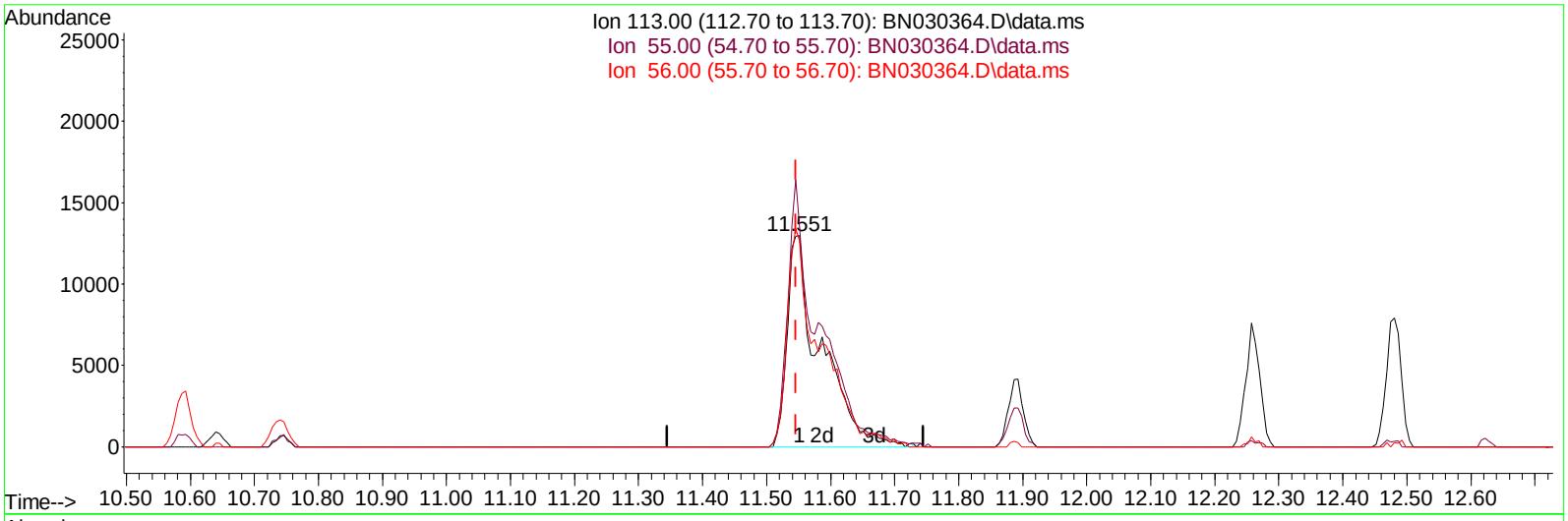

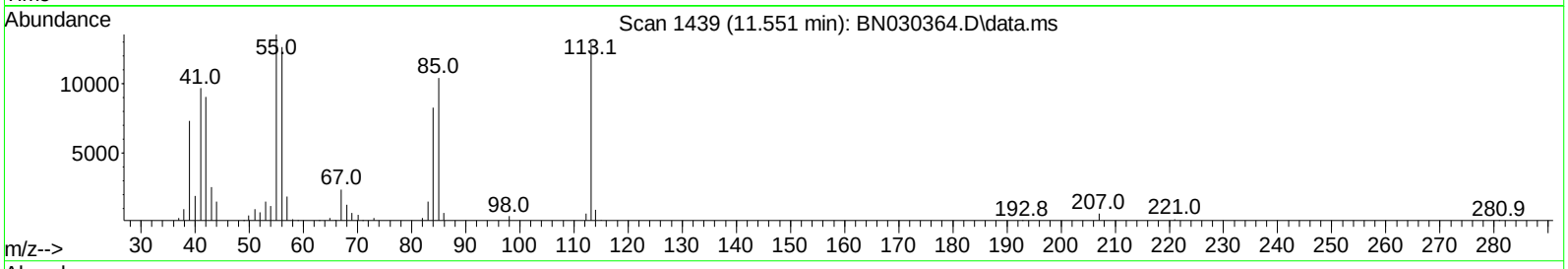

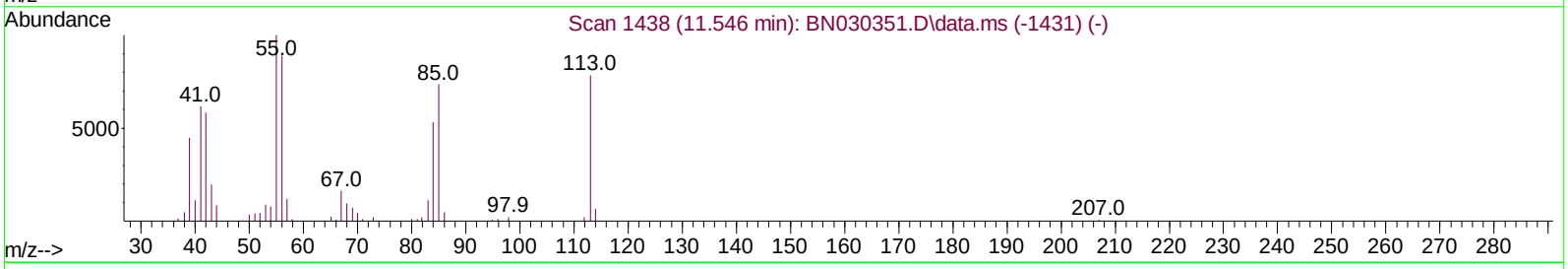

TIC: BN030364.D\data.ms

(34) Caprolactam

11.551min (+ 0.006) 19.98 ng/ul m

response 47043

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	127.60	104.39
56.00	113.50	97.56
0.00	0.00	0.00

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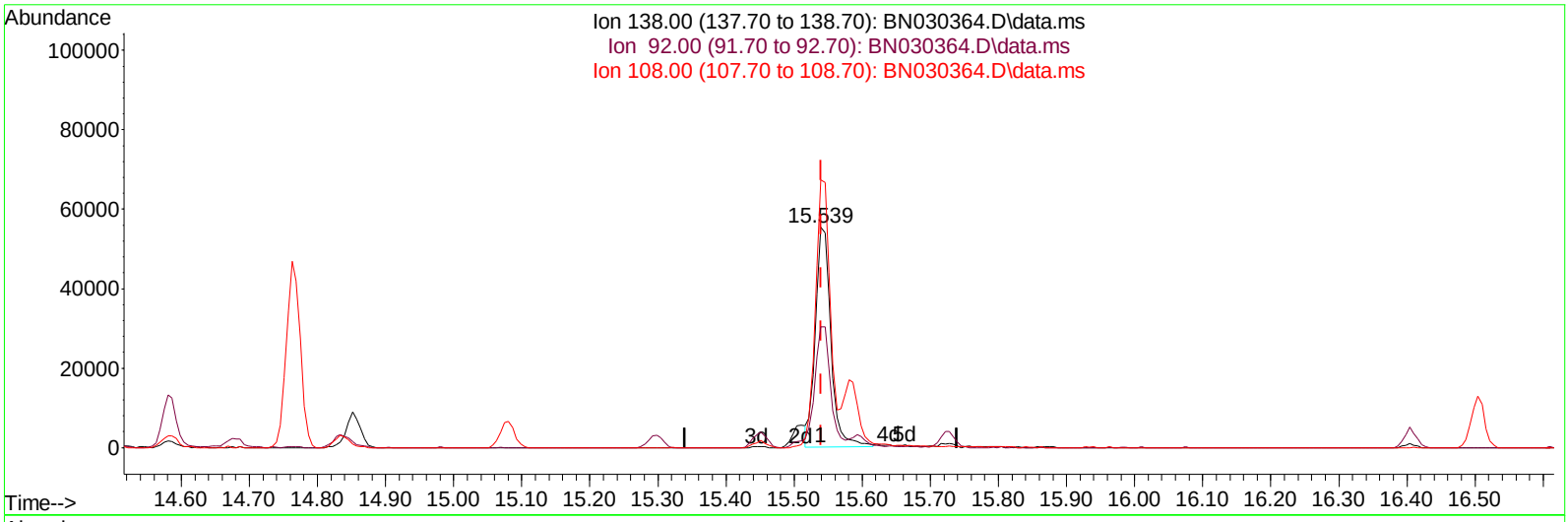

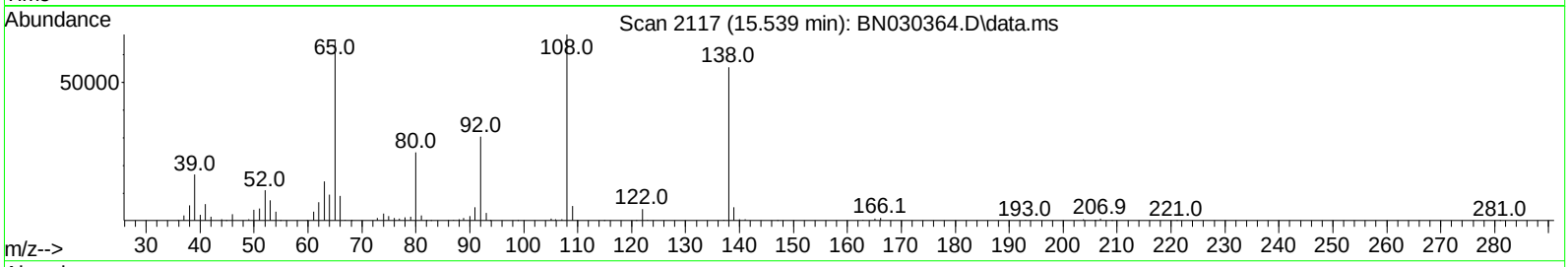

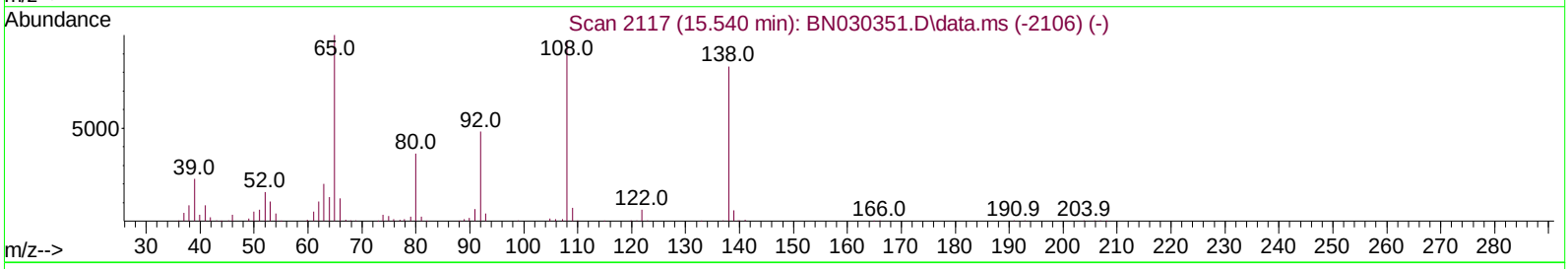

TIC: BN030364.D\data.ms

(63) 4-Nitroaniline

15.539min (-0.000) 18.63 ng/ul

response 87993

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	54.86
108.00	116.50	121.20
0.00	0.00	0.00

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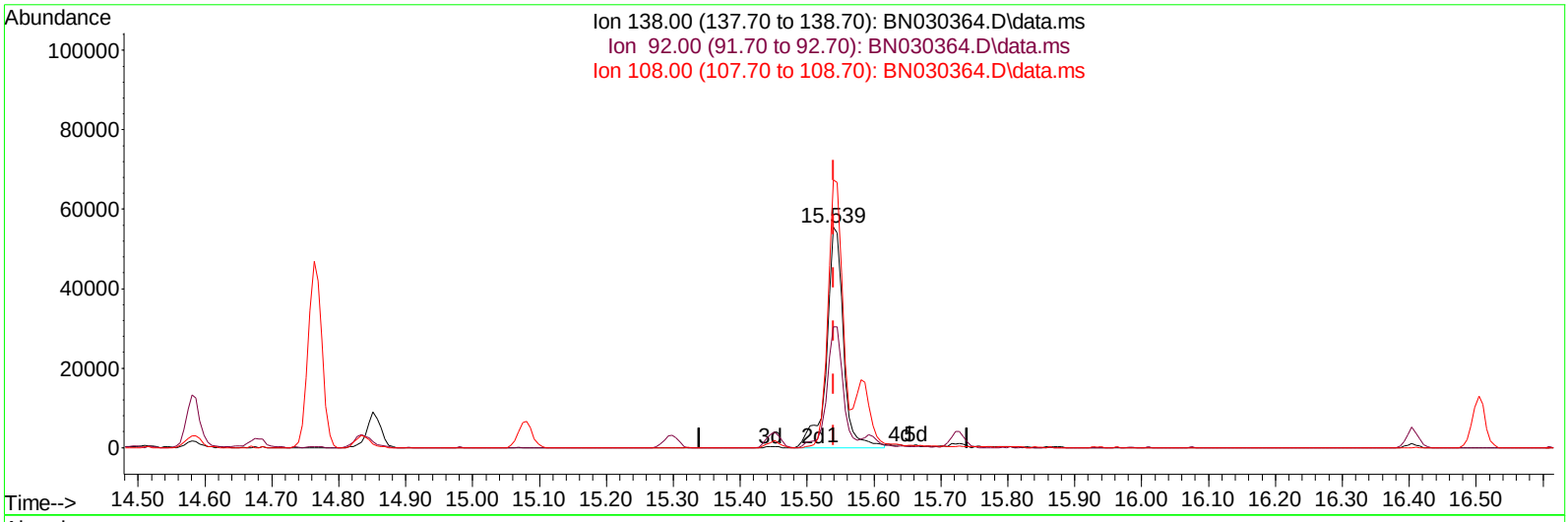

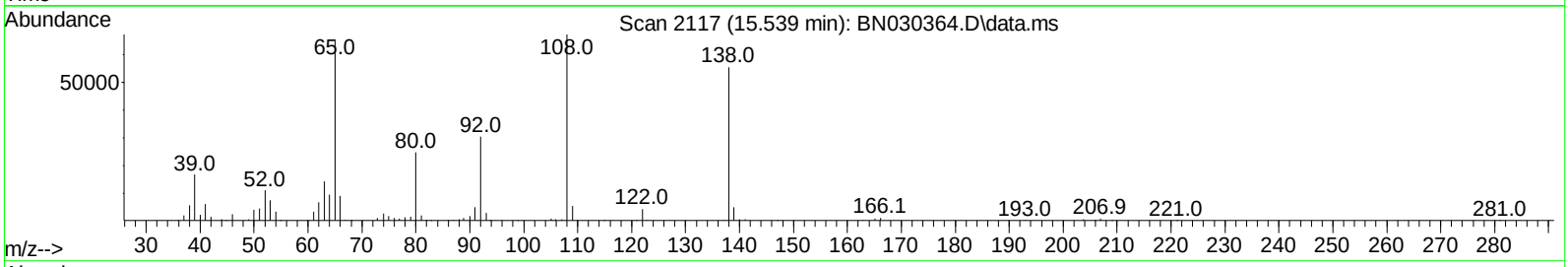

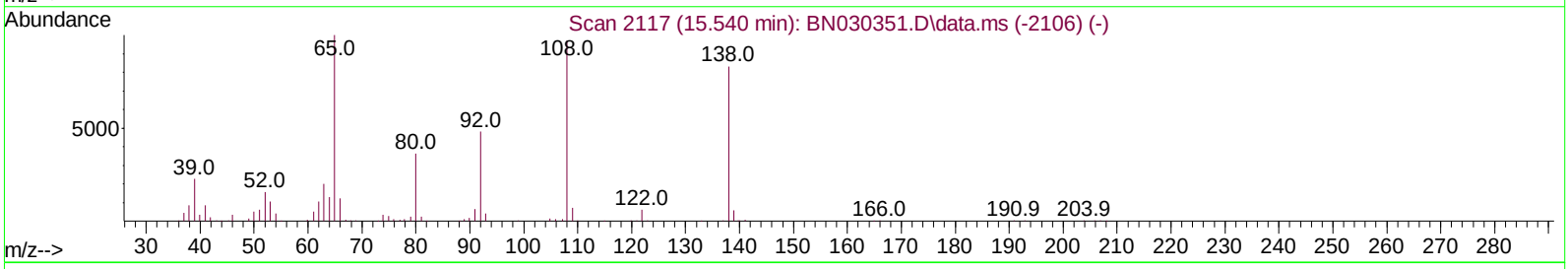

TIC: BN030364.D\data.ms

(63) 4-Nitroaniline

15.539min (-0.000) 20.49 ng/ul m

response 96822

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.80	54.86
108.00	116.50	121.20
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	120940	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	504635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	329073	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	697037	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	553651	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	500070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	25778	7.193	ng/uL	0.00
4) Pyridine-d5	3.675	84	155053	18.125	ng/ul	0.00
7) Phenol-d5	6.963	99	187154	17.442	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	104939	17.223	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	161930	18.839	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	159927	18.910	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	81026	19.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	87196	19.752	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	156240	19.845	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	229629	19.651	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	515846	19.442	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	564278	18.773	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	86541	18.396	ng/ul	0.00
60) Fluorene-d10	15.451	176	415527	19.091	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	81716	18.769	ng/ul	0.00
73) Anthracene-d10	17.316	188	638679	18.870	ng/ul	0.00
81) Pyrene-d10	19.622	212	702319	19.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	526412	20.098	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	24735	7.191	ng/uL	100
5) Pyridine	3.693	79	161153	18.516	ng/ul	99
6) Benzaldehyde	6.946	77	112827	22.560	ng/ul	98
8) Phenol	6.993	94	186016	17.422	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	150982	17.693	ng/ul	97
12) 2-Chlorophenol	7.358	128	167275	18.913	ng/ul	97
13) 2-Methylphenol	8.240	108	146592	18.312	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	131282	16.920	ng/ul	95
16) Acetophenone	8.628	105	261951	19.270	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.616	70	130707	20.097	ng/ul	98
18) 4-Methylphenol	8.575	108	162643	19.228	ng/ul	100
19) Hexachloroethane	8.857	117	76086	18.518	ng/ul	97
22) Nitrobenzene	9.004	77	205694	18.930	ng/ul	97
23) Isophorone	9.528	82	362723	19.310	ng/ul	99
25) 2-Nitrophenol	9.710	139	92910	19.536	ng/ul	96
26) 2,4-Dimethylphenol	9.775	107	184895	18.835	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	209482	19.013	ng/ul	99
29) 2,4-Dichlorophenol	10.240	162	155657	19.684	ng/ul	99
30) Naphthalene	10.640	128	551576	19.148	ng/ul	99
32) 4-Chloroaniline	10.763	127	217948	19.176	ng/ul	96
33) Hexachlorobutadiene	10.910	225	104971	19.029	ng/ul	97
34) Caprolactam	11.551	113	47043m	19.978	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	185325	20.710	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	12.257	142	375756	20.029	ng/ul	99
37) 1-Methylnaphthalene	12.481	142	376136	20.280	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.628	216	190844	18.365	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	146826	18.863	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	126597	19.202	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	137611	19.101	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	500112	18.007	ng/ul	96
44) 2-Chloronaphthalene	13.322	162	392350	18.189	ng/ul	98
45) 2-Nitroaniline	13.540	65	118761	19.097	ng/ul	94
47) Dimethylphthalate	13.922	163	525569	19.491	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	103191	19.816	ng/ul	95
50) Acenaphthylene	14.169	152	653029	18.673	ng/ul	99
51) 3-Nitroaniline	14.375	138	98613	19.325	ng/ul	98
52) Acenaphthene	14.516	153	435851	18.811	ng/ul	95
53) 2,4-Dinitrophenol	14.581	184	63259	21.619	ng/ul	98
55) 4-Nitrophenol	14.681	109	102930	19.299	ng/ul	93
56) Dibenzofuran	14.851	168	585871	18.957	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	151171	20.341	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.081	232	114606	19.766	ng/ul	96
59) Diethylphthalate	15.298	149	573285	19.891	ng/ul	99
61) Fluorene	15.510	166	488967	19.165	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.510	204	232203	19.011	ng/ul	97
63) 4-Nitroaniline	15.539	138	96822m	20.494	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	88017	18.736	ng/ul	97
67) N-Nitrosodiphenylamine	15.728	169	407365	18.523	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	139773	18.716	ng/ul	94
69) Hexachlorobenzene	16.510	284	155095	18.964	ng/ul	92
70) Atrazine	16.692	200	147447	19.481	ng/ul	98
71) Pentachlorophenol	16.857	266	99942	18.059	ng/ul	89
72) Phenanthrene	17.257	178	767571	18.882	ng/ul	99
74) Anthracene	17.345	178	794506	19.213	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	182194	17.509	ng/uL	96
76) Pentachlorobenzene	14.769	250	178442	18.389	ng/uL	98
77) Carbazole	17.628	167	684278	18.633	ng/ul	99
78) Di-n-butylphthalate	18.204	149	1003008	19.655	ng/ul	100
80) Fluoranthene	19.286	202	865168	20.081	ng/ul	99
82) Pyrene	19.651	202	883142	19.944	ng/ul	99
83) Butylbenzylphthalate	20.580	149	426142	20.088	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.357	252	220436	18.321	ng/ul	99
85) Benzo(a)anthracene	21.421	228	776979	18.701	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.369	149	629227	19.596	ng/ul	98
87) Chrysene	21.469	228	731212	18.977	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	957629	20.457	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	690231	20.934	ng/ul	97
91) Benzo(k)fluoranthene	23.121	252	678666	19.929	ng/ul	99
93) Benzo(a)pyrene	23.686	252	611758	19.604	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.204	276	678284	18.277	ng/ul	98
95) Dibenzo(a,h)anthracene	26.239	278	559925	18.508	ng/ul	99
96) Benzo(g,h,i)perylene	26.951	276	547267	18.207	ng/ul	96

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

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