Quantitation Report (Qedit)

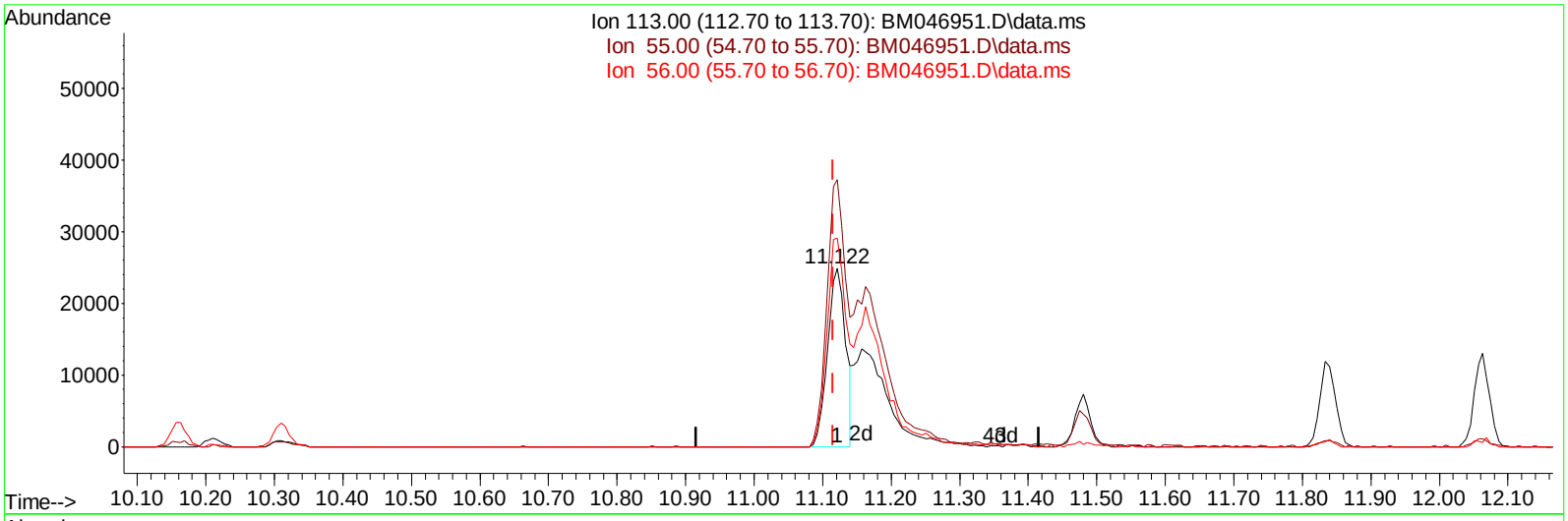
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
Data File : BM046951.D
Acq On : 02 Aug 2024 16:22
Operator : MA/JU
Sample : SSTD04027
Misc :
ALS Vial : 5 Sample Multiplier: 1

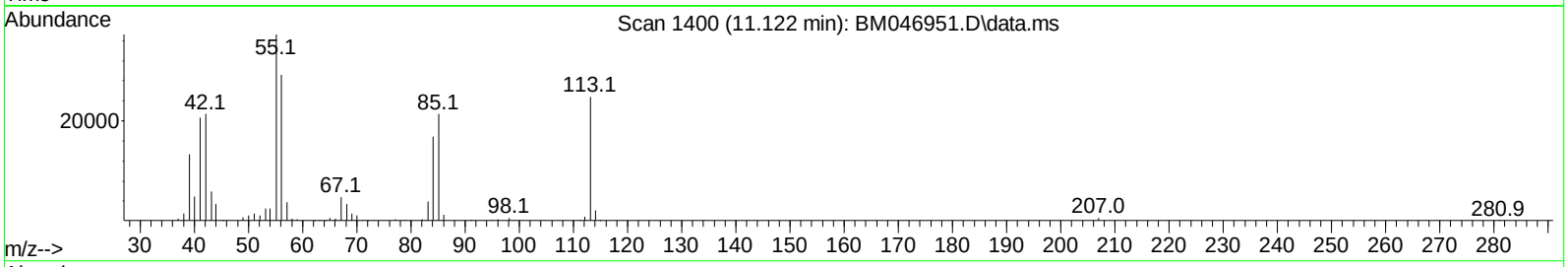
Quant Time: Aug 03 02:22:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:17:59 2024
Response via : Initial Calibration

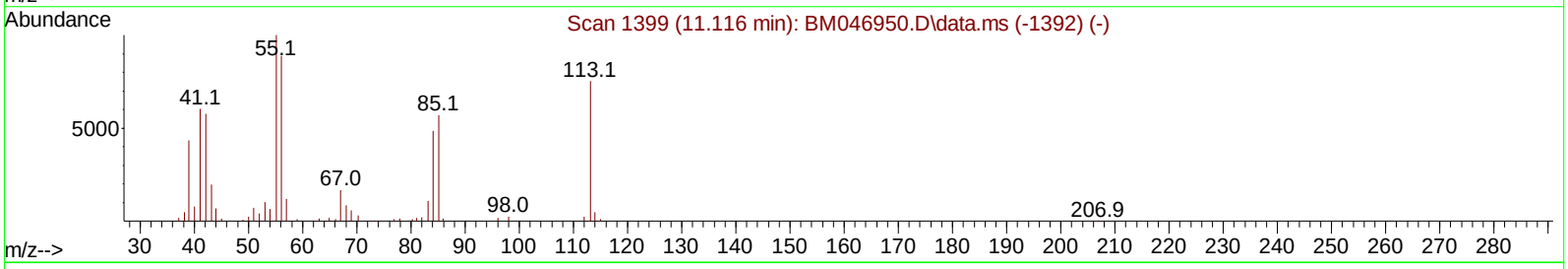
Instrument :
BNA_M
ClientSampleId :
SSTD040009

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024







TIC: BM046951.D\data.ms

(34) Caprolactam

11.122min (+ 0.006) 20.03 ng/ul

response 45501

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	149.84
56.00	118.20	117.29
0.00	0.00	0.00

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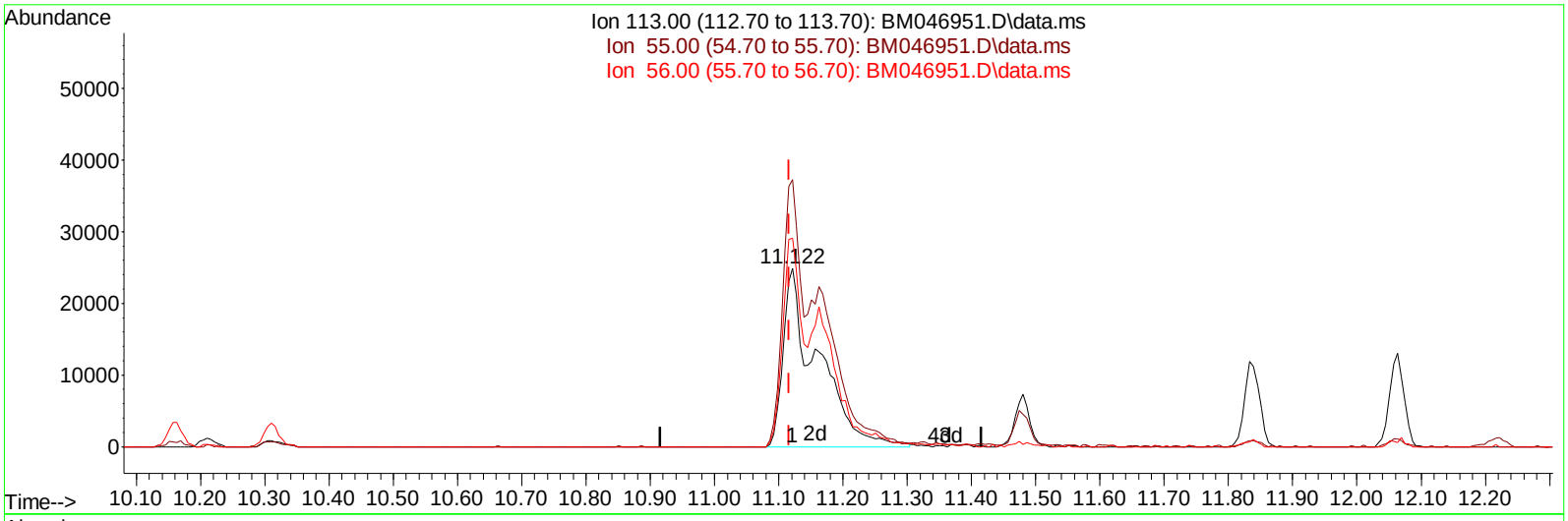

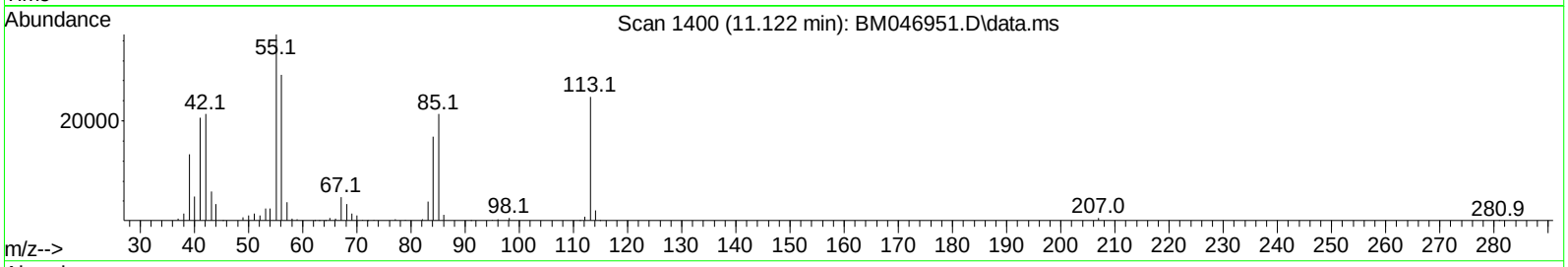

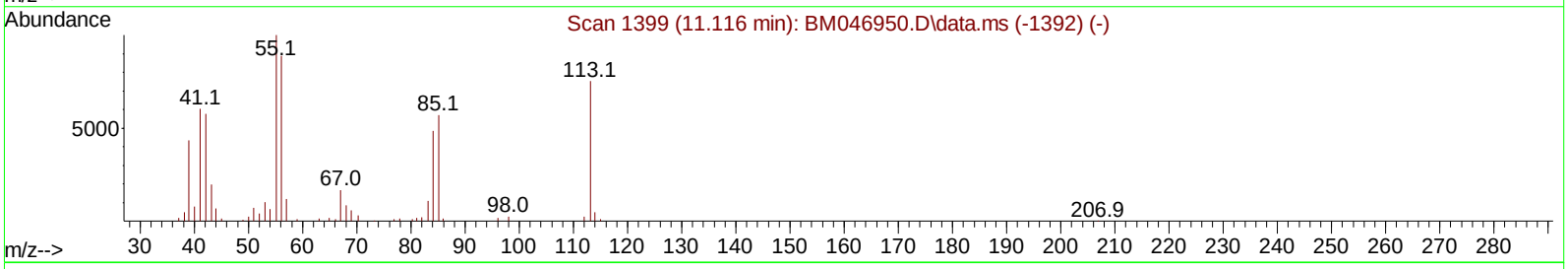

TIC: BM046951.D\data.ms

(34) Caprolactam

11.122min (+ 0.006) 40.92 ng/ul m

response 92963

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	149.84
56.00	118.20	117.29
0.00	0.00	0.00

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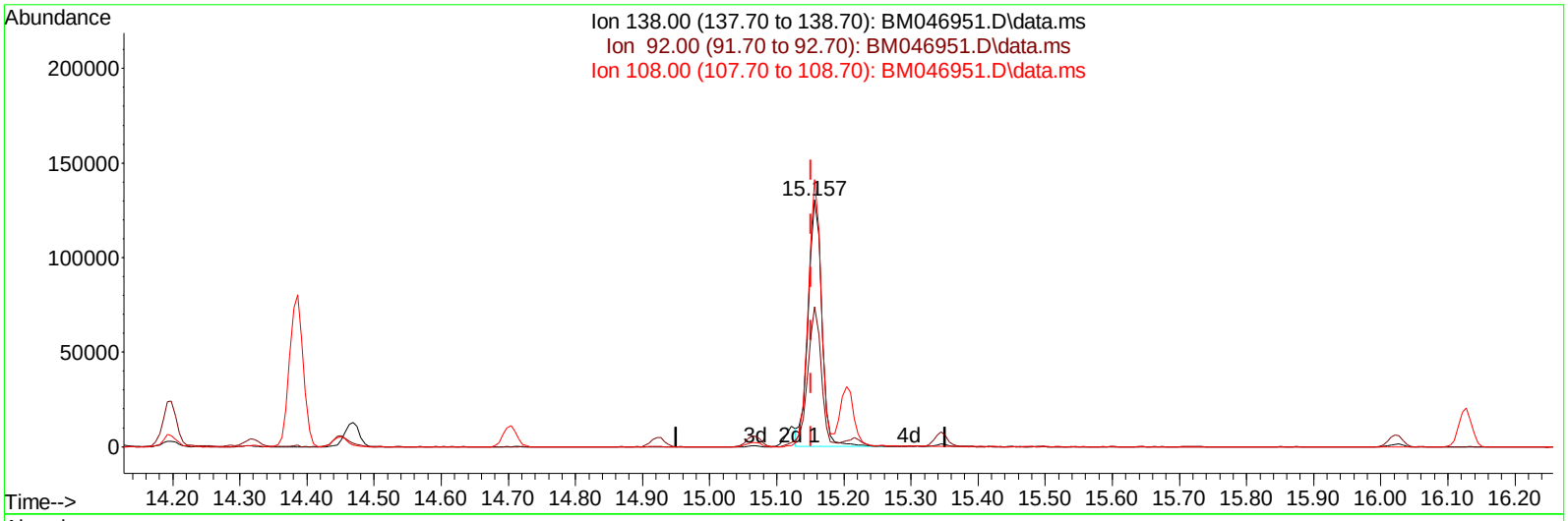

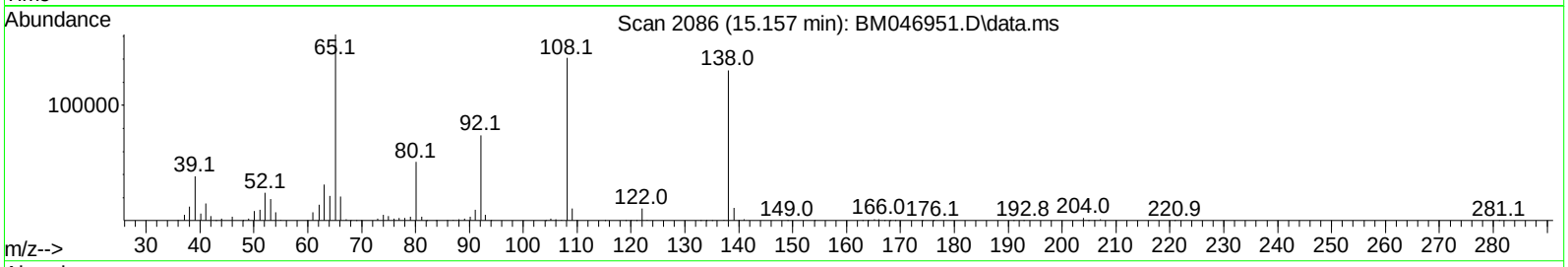

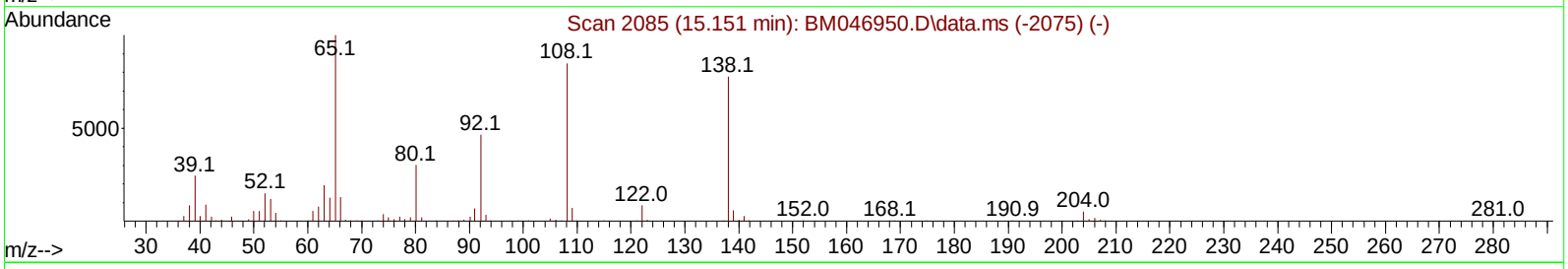

TIC: BM046951.D\data.ms

(63) 4-Nitroaniline

15.157min (+ 0.006) 38.75 ng/ul

response 184172

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	56.83
108.00	109.10	108.11
0.00	0.00	0.00

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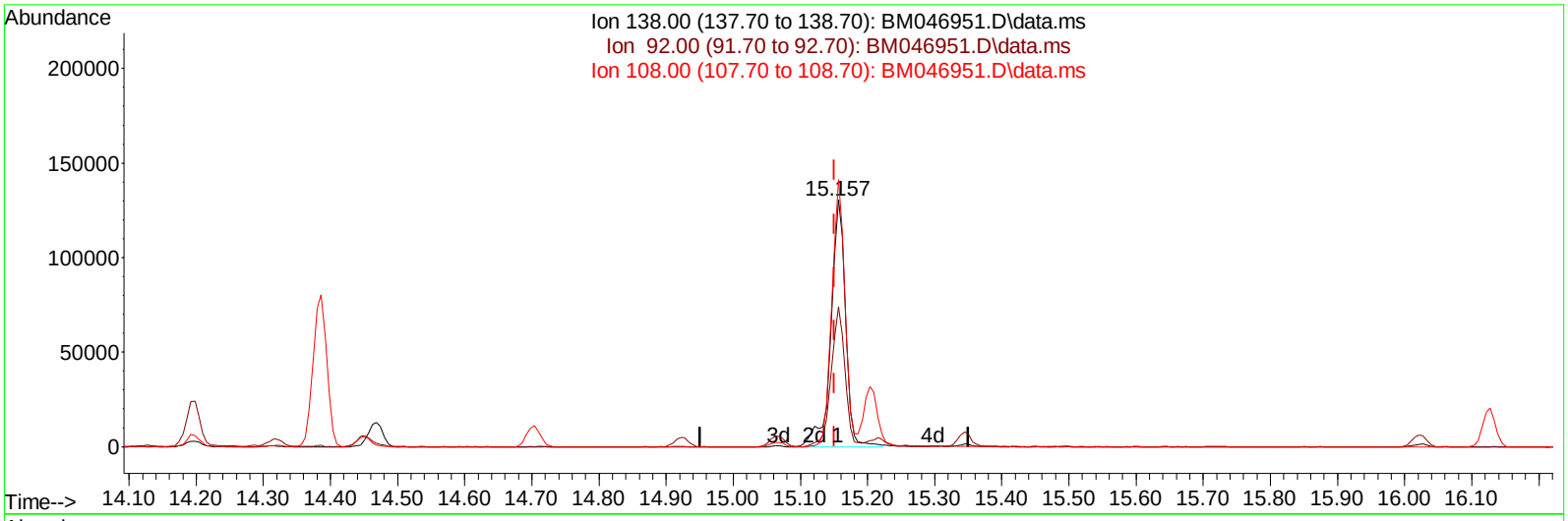

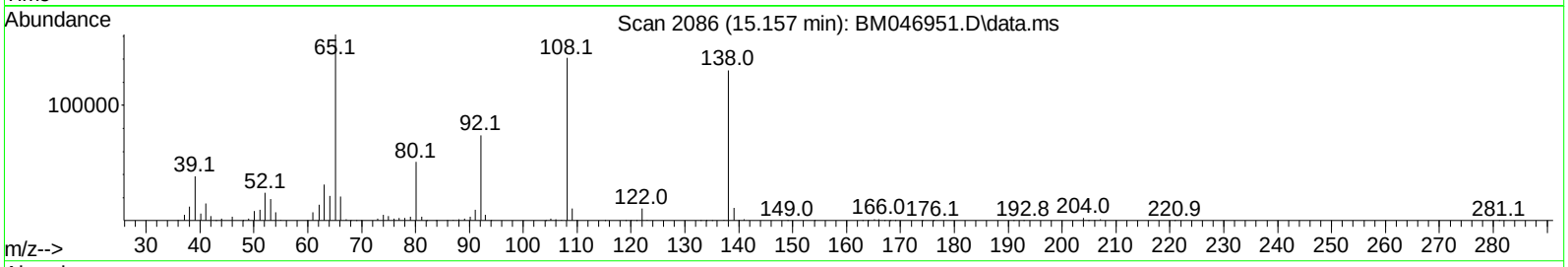

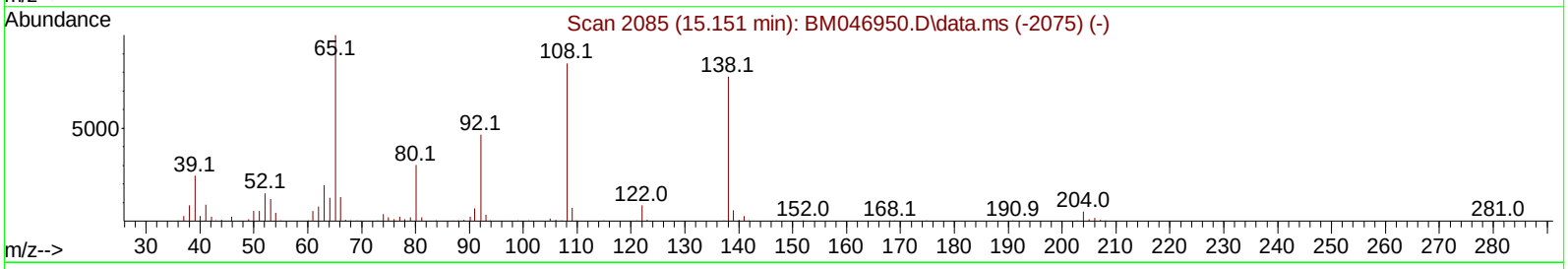

TIC: BM046951.D\data.ms

(63) 4-Nitroaniline

15.157min (+ 0.006) 41.18 ng/ul m

response 195712

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	56.83
108.00	109.10	108.11
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	117875	20.000	ng/ul	0.00
20) Naphthalene-d8	10.163	136	454960	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.063	164	311311	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	687528	20.000	ng/ul	0.00
79) Chrysene-d12	21.056	240	640699	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	769968	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	46923	20.402	ng/uL	0.00
4) Pyridine-d5	3.410	84	319585	33.176	ng/ul	0.00
7) Phenol-d5	6.610	99	356521	34.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.763	67	236743	35.245	ng/ul	0.00
11) 2-Chlorophenol-d4	6.945	132	304750	36.444	ng/ul	0.00
15) 4-Methylphenol-d8	8.128	113	282319	42.263	ng/ul	0.00
21) Nitrobenzene-d5	8.551	128	144197	42.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.263	143	165994	35.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	314757	34.143	ng/ul	0.00
31) 4-Chloroaniline-d4	10.310	131	401078	40.017	ng/ul	0.00
46) Dimethylphthalate-d6	13.492	166	944085	40.594	ng/ul	0.00
49) Acenaphthylene-d8	13.751	160	1052658	40.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.304	143	187183	42.868	ng/ul	0.00
60) Fluorene-d10	15.068	176	804467	36.944	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	180207	40.402	ng/ul	0.00
73) Anthracene-d10	16.921	188	1281253	38.871	ng/ul	0.00
81) Pyrene-d10	19.233	212	1508908	45.820	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.591	264	1665367	40.722	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.057	88	50470	20.754	ng/uL	94
5) Pyridine	3.428	79	317095	32.739	ng/ul	97
6) Benzaldehyde	6.563	77	224310	34.344	ng/ul	97
8) Phenol	6.634	94	355797	32.946	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.851	93	311107	36.871	ng/ul	99
12) 2-Chlorophenol	6.981	128	303761	36.665	ng/ul	98
13) 2-Methylphenol	7.863	108	276015	42.653	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.928	45	379511	45.556	ng/ul	98
16) Acetophenone	8.222	105	429349	38.875	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.216	70	226468	44.552	ng/ul	98
18) 4-Methylphenol	8.192	108	298448	42.683	ng/ul	100
19) Hexachloroethane	8.457	117	148240	41.888	ng/ul	94
22) Nitrobenzene	8.592	77	383341	42.299	ng/ul	95
23) Isophorone	9.122	82	657363	38.527	ng/ul	99
25) 2-Nitrophenol	9.292	139	180396	35.006	ng/ul	97
26) 2,4-Dimethylphenol	9.369	107	340588	35.767	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.604	93	413497	43.191	ng/ul	99
29) 2,4-Dichlorophenol	9.828	162	308872	33.783	ng/ul	97
30) Naphthalene	10.210	128	928047	39.790	ng/ul	99
32) 4-Chloroaniline	10.333	127	385658	40.109	ng/ul	100
33) Hexachlorobutadiene	10.504	225	219078	29.716	ng/ul	98
34) Caprolactam	11.122	113	92963m	40.916	ng/ul	
35) 4-Chloro-3-methylphenol	11.480	107	322645	43.075	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.839	142	670784	33.627	ng/ul	99
37) 1-Methylnaphthalene	12.063	142	670987	34.053	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.222	216	387374	32.297	ng/ul	97
40) Hexachlorocyclopentadiene	12.198	237	251006	35.687	ng/ul	97
41) 2,4,6-Trichlorophenol	12.474	196	258376	34.607	ng/ul	97
42) 2,4,5-Trichlorophenol	12.551	196	276999	34.574	ng/ul	100
43) 1,1'-Biphenyl	12.880	154	891562	37.532	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	707607	36.415	ng/ul	99
45) 2-Nitroaniline	13.139	65	231395	46.596	ng/ul	99
47) Dimethylphthalate	13.539	163	938934	40.346	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	198268	42.123	ng/ul	91
50) Acenaphthylene	13.780	152	1079975	40.685	ng/ul	99
51) 3-Nitroaniline	13.980	138	200544	43.518	ng/ul	99
52) Acenaphthene	14.127	153	783858	40.622	ng/ul	99
53) 2,4-Dinitrophenol	14.198	184	132566	38.344	ng/ul	94
55) 4-Nitrophenol	14.316	109	184042	34.977	ng/ul	97
56) Dibenzofuran	14.468	168	1097378	37.404	ng/ul	97
57) 2,4-Dinitrotoluene	14.451	165	299575	41.933	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.704	232	250691	36.019	ng/ul	98
59) Diethylphthalate	14.921	149	1036353	42.248	ng/ul	100
61) Fluorene	15.121	166	916415	37.631	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.127	204	442727	32.616	ng/ul	98
63) 4-Nitroaniline	15.157	138	195712m	41.182	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.221	198	196438	40.174	ng/ul	97
67) N-Nitrosodiphenylamine	15.345	169	803037	42.251	ng/ul	99
68) 4-Bromophenyl-phenylether	16.021	248	301933	37.287	ng/ul	98
69) Hexachlorobenzene	16.127	284	353166	36.920	ng/ul	99
70) Atrazine	16.321	200	326429	40.846	ng/ul	99
71) Pentachlorophenol	16.480	266	239576	37.849	ng/ul	99
72) Phenanthrene	16.862	178	1512749	40.775	ng/ul	100
74) Anthracene	16.957	178	1514221	39.960	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	391350	36.385	ng/uL	98
76) Pentachlorobenzene	14.386	250	402444	36.319	ng/uL	99
77) Carbazole	17.233	167	1446923	42.376	ng/ul	100
78) Di-n-butylphthalate	17.821	149	1888473	47.098	ng/ul	99
80) Fluoranthene	18.898	202	1818625	43.356	ng/ul	97
82) Pyrene	19.262	202	1886576	46.155	ng/ul	99
83) Butylbenzylphthalate	20.203	149	880967	55.224	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.980	252	641997	41.743	ng/ul	100
85) Benzo(a)anthracene	21.039	228	1887653	40.803	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.003	149	1275214	49.643	ng/ul	100
87) Chrysene	21.097	228	1779900	40.327	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	2263638	46.898	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1939566	40.365	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	1941977	41.244	ng/ul	99
93) Benzo(a)pyrene	23.650	252	1804491	40.425	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.791	276	2235811	40.002	ng/ul	98
95) Dibenzo(a,h)anthracene	26.850	278	1780547	39.293	ng/ul	98
96) Benzo(g,h,i)perylene	27.732	276	1773073	36.862	ng/ul	100

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

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