Quantitation Report (Qedit)

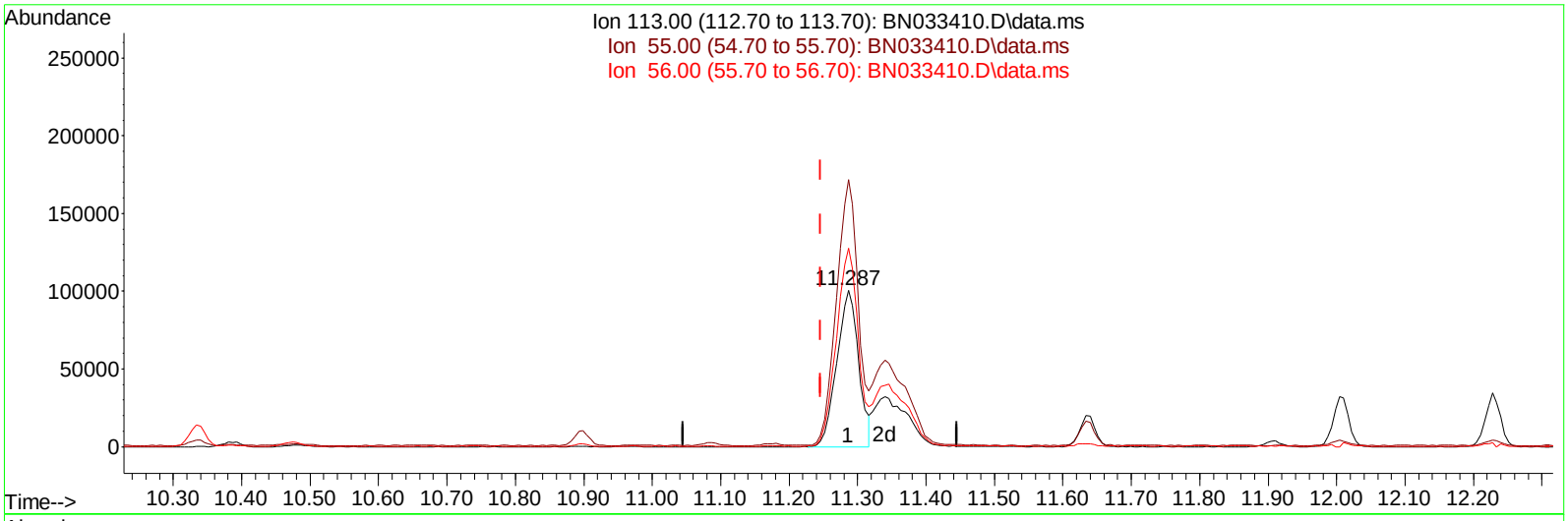
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081524\
Data File : BN033410.D
Acq On : 15 Aug 2024 22:11
Operator : MA/JU
Sample : P3502-18MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

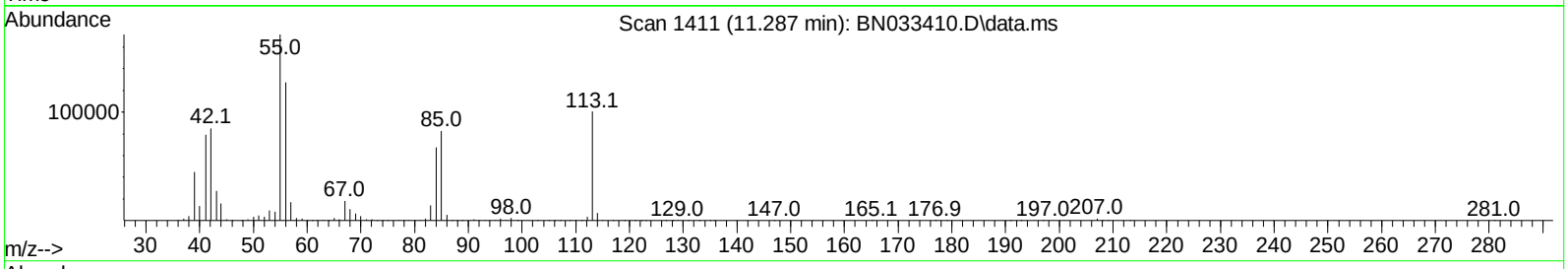
Quant Time: Aug 15 23:18:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:12:11 2024
Response via : Initial Calibration

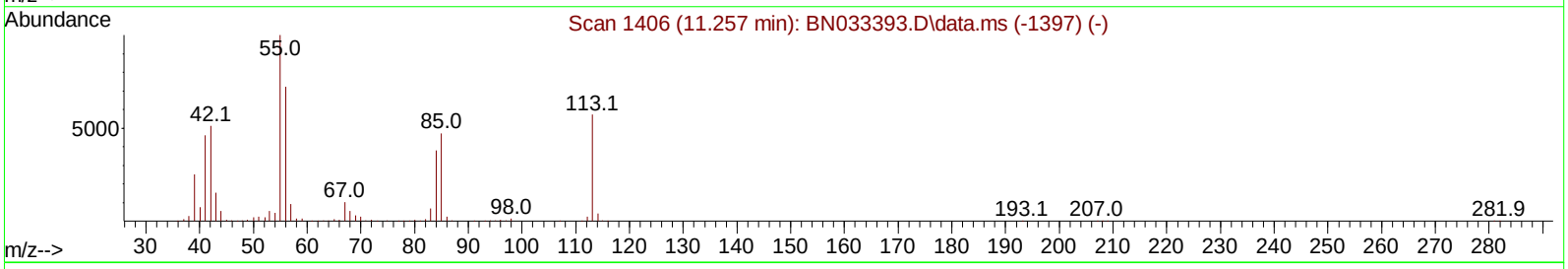
Instrument :
BNA_N
ClientSampleId :
DCXU9MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024







TIC: BN033410.D\data.ms

(34) Caprolactam

11.287min (+ 0.041) 18.66 ng/ul

response 222192

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	170.61
56.00	131.40	126.90
0.00	0.00	0.00

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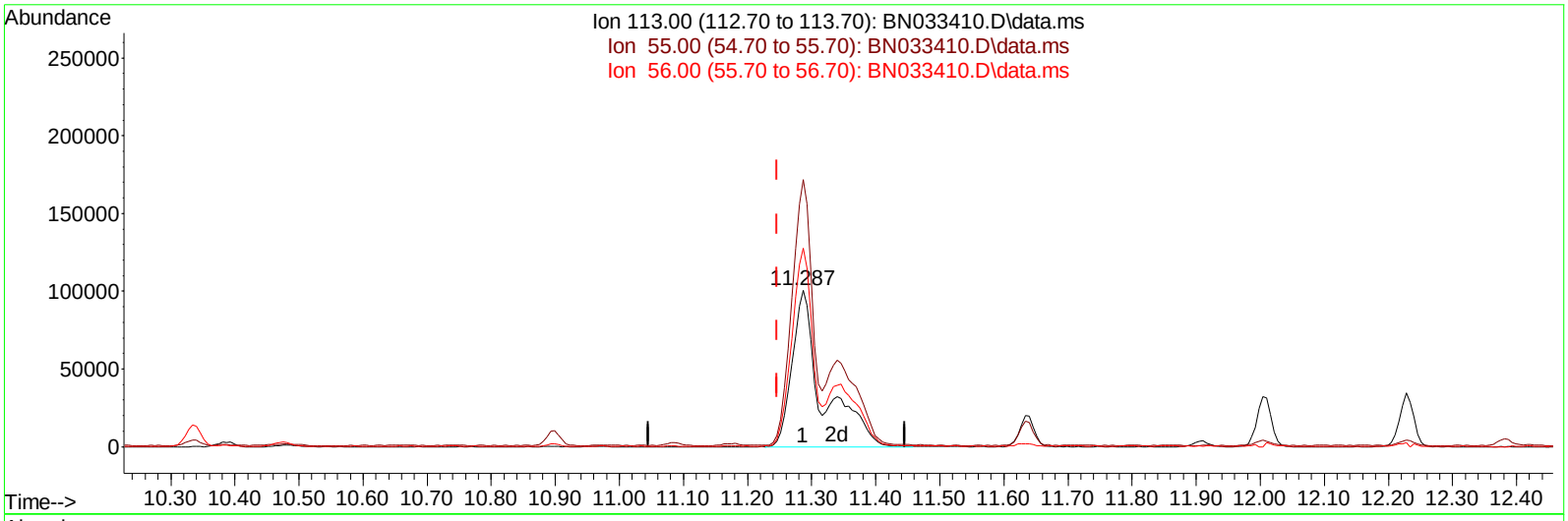

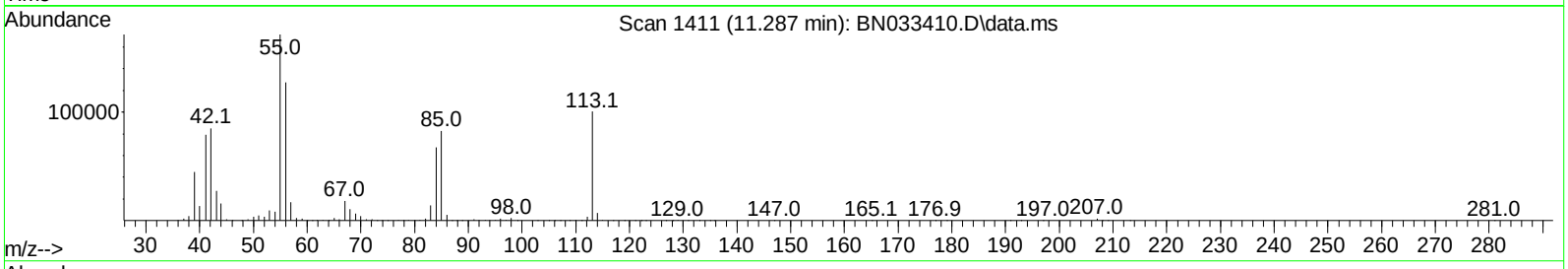

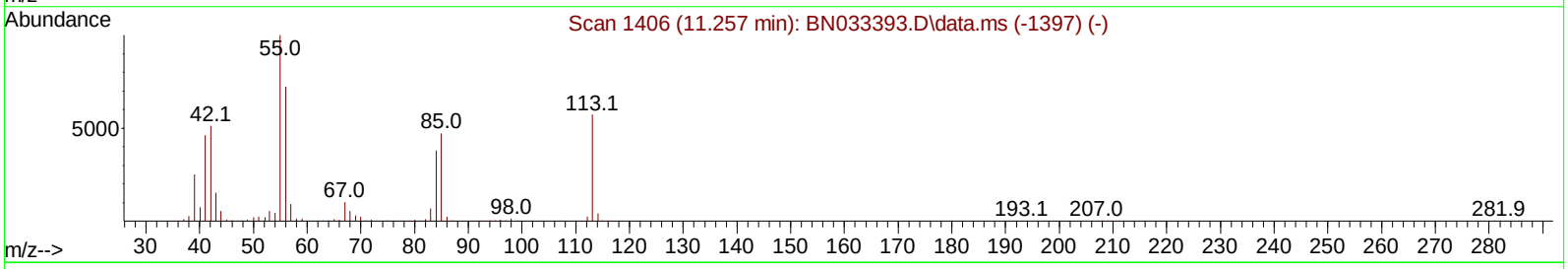

TIC: BN033410.D\data.ms

(34) Caprolactam

11.287min (+ 0.041) 27.77 ng/ul m

response 330639

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.70	170.61
56.00	131.40	126.90
0.00	0.00	0.00

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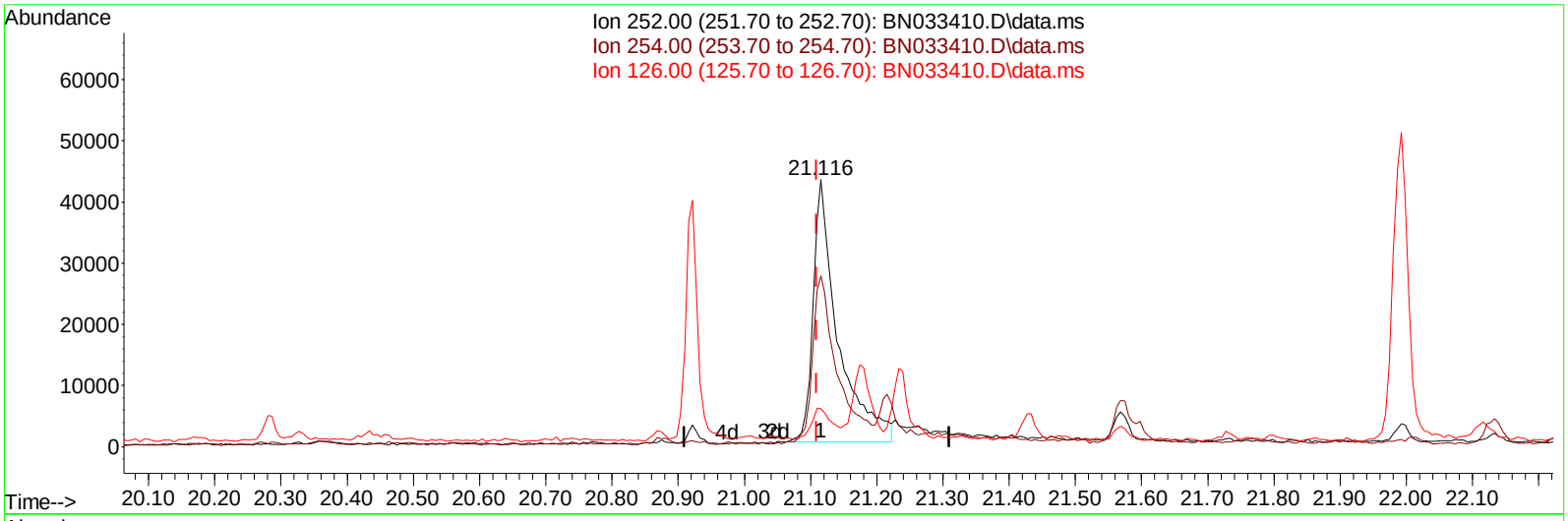

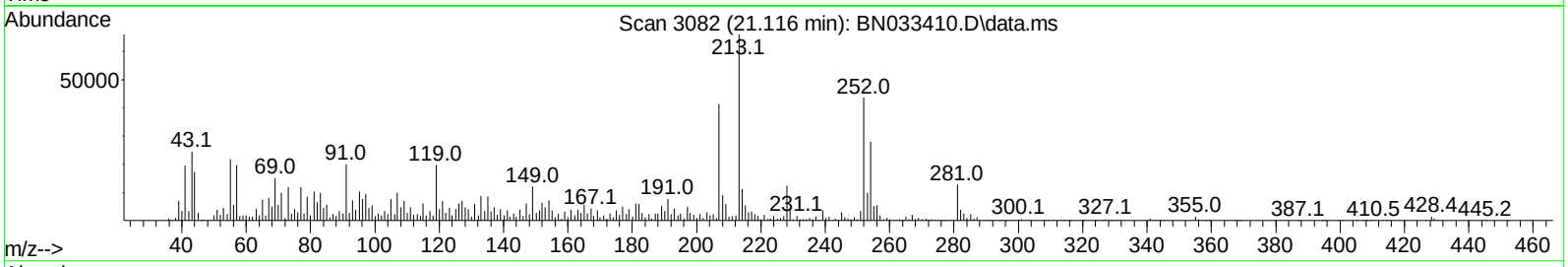

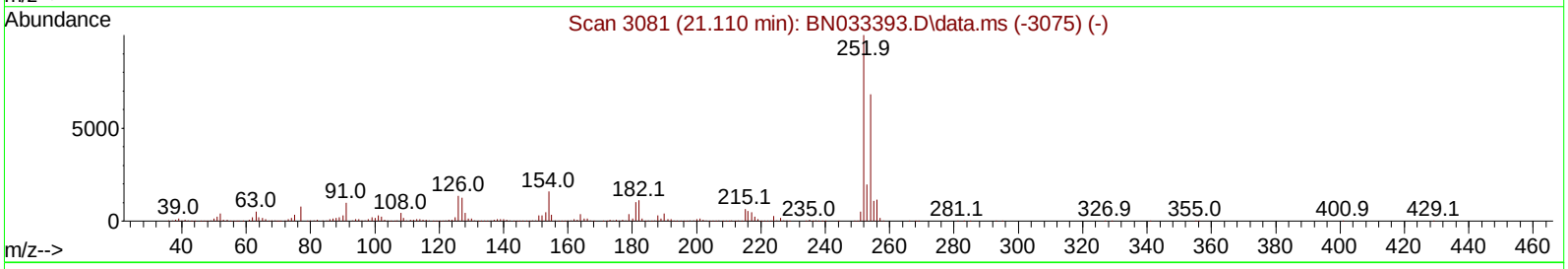

TIC: BN033410.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.116min (+ 0.006) 2.46 ng/ul

response 111978

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	62.30	64.14
126.00	12.50	14.21
0.00	0.00	0.00

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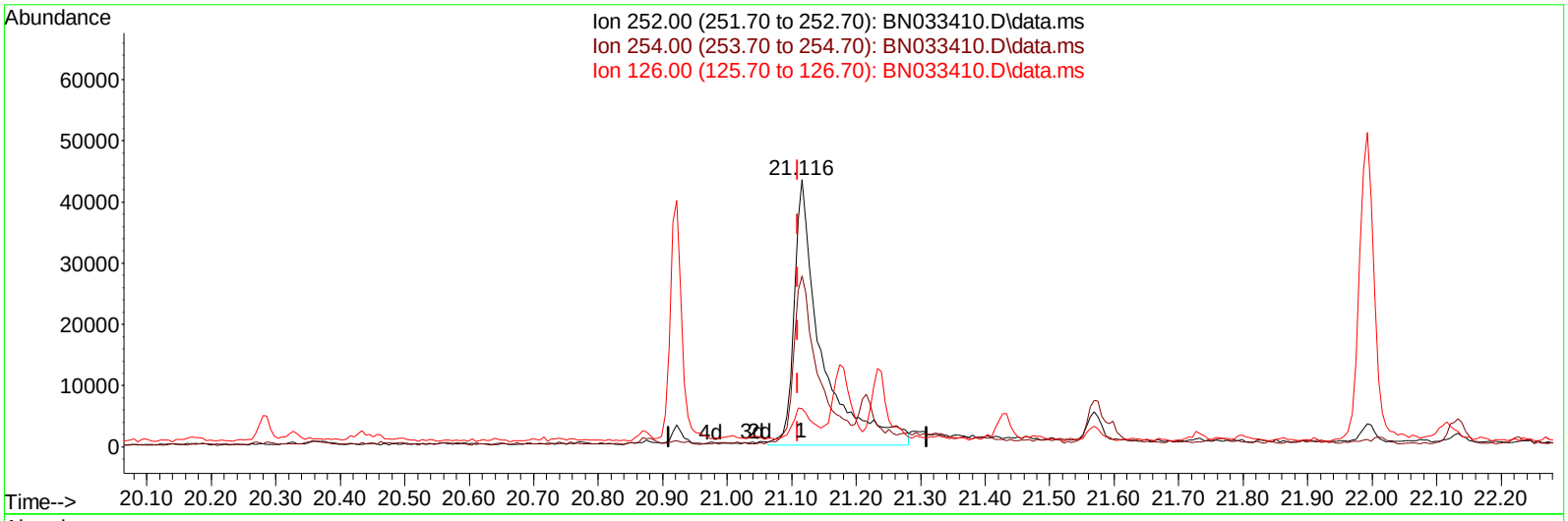

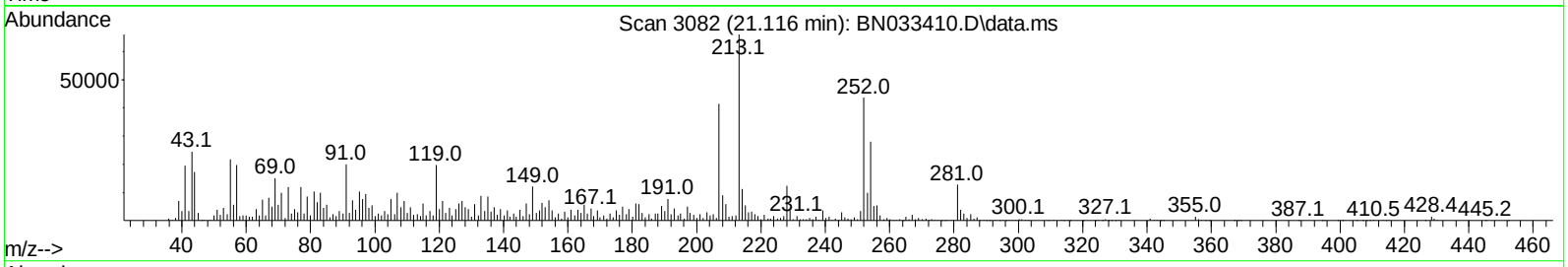

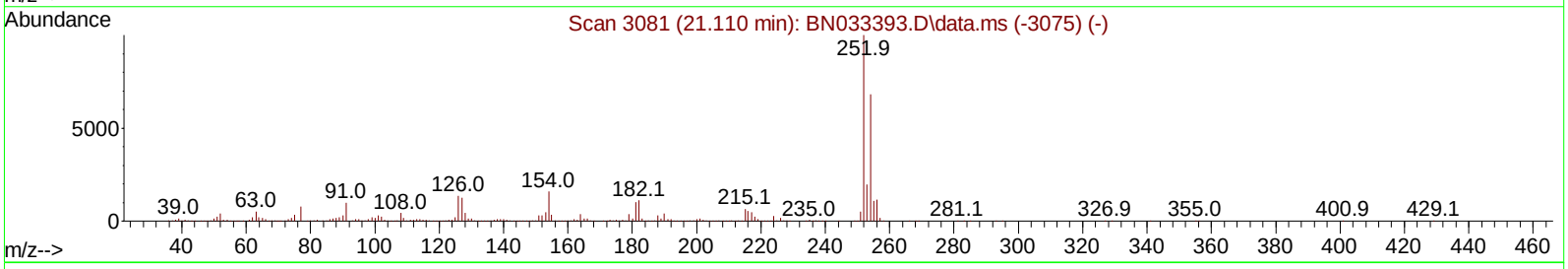

TIC: BN033410.D\data.ms

(84) 3,3'-Dichlorobenzidine

21.116min (+ 0.006) 2.79 ng/ul m

response 126841

Ion	Exp%	Act%
252.00	100.00	100.00
254.00	62.30	64.14
126.00	12.50	14.21
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	432449	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	1931815	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	1252658	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	2627747	20.000	ng/ul	0.00
79) Chrysene-d12	21.192	240	1995918	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1993022	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	27447	2.589	ng/uL	0.00
4) Pyridine-d5	3.546	84	171583	5.335	ng/ul	0.00
7) Phenol-d5	6.752	99	756735	19.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	434260	17.074	ng/ul	0.00
11) 2-Chlorophenol-d4	7.111	132	614030	20.535	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	524355	15.987	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	305669	20.790	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	339362	26.213	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	639205	22.177	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	482442	10.040	ng/ul	0.00
46) Dimethylphthalate-d6	13.634	166	1793904	18.818	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	2115379	19.819	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	354312	19.234	ng/ul	0.01
60) Fluorene-d10	15.210	176	1542571	18.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.334	200	282816	22.852	ng/ul	0.00
73) Anthracene-d10	17.057	188	2271154	18.230	ng/ul	0.00
81) Pyrene-d10	19.363	212	2642310	23.974	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2107275	20.335	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	99492	8.946	ng/uL	99
5) Pyridine	3.564	79	723688	21.887	ng/ul	91
6) Benzaldehyde	6.722	77	656384	31.847	ng/ul	99
8) Phenol	6.781	94	1211326	29.062	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.011	93	907677	27.348	ng/ul	99
12) 2-Chlorophenol	7.140	128	952521	30.534	ng/ul	100
13) 2-Methylphenol	8.016	108	904689	28.690	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.093	45	1348652	25.032	ng/ul	96
16) Acetophenone	8.387	105	1396977	26.226	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70	697137	25.611	ng/ul	97
18) 4-Methylphenol	8.346	108	996959	28.245	ng/ul	97
19) Hexachloroethane	8.634	117	372493	28.575	ng/ul	98
22) Nitrobenzene	8.752	77	1070500	28.956	ng/ul	98
23) Isophorone	9.287	82	2005668	26.734	ng/ul	99
25) 2-Nitrophenol	9.457	139	544851	36.064	ng/ul	98
26) 2,4-Dimethylphenol	9.534	107	983294	27.496	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.769	93	1266941	27.269	ng/ul	98
29) 2,4-Dichlorophenol	9.993	162	930710	31.222	ng/ul	99
30) Naphthalene	10.387	128	3028205	28.115	ng/ul	100
32) 4-Chloroaniline	10.499	127	783876	16.681	ng/ul	97
33) Hexachlorobutadiene	10.681	225	552450	29.649	ng/ul	93
34) Caprolactam	11.287	113	330639m	27.773	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	1031763	30.087	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	2089049	27.558	ng/ul	100
37) 1-Methylnaphthalene	12.228	142	2081136	27.162	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	1063422	29.650	ng/ul	92
40) Hexachlorocyclopentadiene	12.369	237	439521	22.114	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.628	196	743510	33.786	ng/ul	97
42) 2,4,5-Trichlorophenol	12.698	196	818832	33.040	ng/ul	97
43) 1,1'-Biphenyl	13.040	154	2658980	28.145	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	2123891	29.000	ng/ul	99
45) 2-Nitroaniline	13.281	65	691407	32.859	ng/ul	97
47) Dimethylphthalate	13.681	163	2634908	27.534	ng/ul	100
48) 2,6-Dinitrotoluene	13.793	165	568627	32.694	ng/ul	94
50) Acenaphthylene	13.928	152	3384137	29.034	ng/ul	99
51) 3-Nitroaniline	14.116	138	556520	28.257	ng/ul	97
52) Acenaphthene	14.275	153	2299649	27.922	ng/ul	96
53) 2,4-Dinitrophenol	14.322	184	313264	36.461	ng/ul	96
55) 4-Nitrophenol	14.440	109	433485	30.047	ng/ul	94
56) Dibenzofuran	14.610	168	3151860	27.408	ng/ul	98
57) 2,4-Dinitrotoluene	14.581	165	827583	31.662	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.840	232	692871	34.402	ng/ul	98
59) Diethylphthalate	15.063	149	2748447	27.529	ng/ul	99
61) Fluorene	15.263	166	2562157	27.071	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	1236904	27.238	ng/ul	98
63) 4-Nitroaniline	15.287	138	574056	28.319	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.345	198	463655	33.150	ng/ul#	96
67) N-Nitrosodiphenylamine	15.481	169	2252584	28.506	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	800570	29.848	ng/ul	97
69) Hexachlorobenzene	16.269	284	901136	29.345	ng/ul	92
70) Atrazine	16.451	200	698675	23.764	ng/ul	99
71) Pentachlorophenol	16.610	266	740914	38.352	ng/ul	100
72) Phenanthrene	17.004	178	4149493	28.241	ng/ul	99
74) Anthracene	17.092	178	3966214	26.496	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.993	216	1050772	29.659	ng/uL	94
76) Pentachlorobenzene	14.534	250	1020042	27.977	ng/uL	98
77) Carbazole	17.363	167	3886378	28.161	ng/ul	99
78) Di-n-butylphthalate	17.957	149	4994524	28.977	ng/ul	99
80) Fluoranthene	19.028	202	4668759	36.228	ng/ul	100
82) Pyrene	19.392	202	4822901	34.529	ng/ul	98
83) Butylbenzylphthalate	20.322	149	2239121	40.007	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.116	252	126841m	2.788	ng/ul	
85) Benzo(a)anthracene	21.175	228	4184506	29.136	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.145	149	3405374	37.503	ng/ul	99
87) Chrysene	21.233	228	3945023	29.207	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	5380762	41.918	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	3789388	30.583	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	3677596	29.897	ng/ul	97
93) Benzo(a)pyrene	23.898	252	3254639	27.718	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.186	276	4237966	29.082	ng/ul	96
95) Dibenzo(a,h)anthracene	27.251	278	3438502	28.814	ng/ul	98
96) Benzo(g,h,i)perylene	28.168	276	3239647	28.929	ng/ul	97

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

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