Quantitation Report (Qedit)

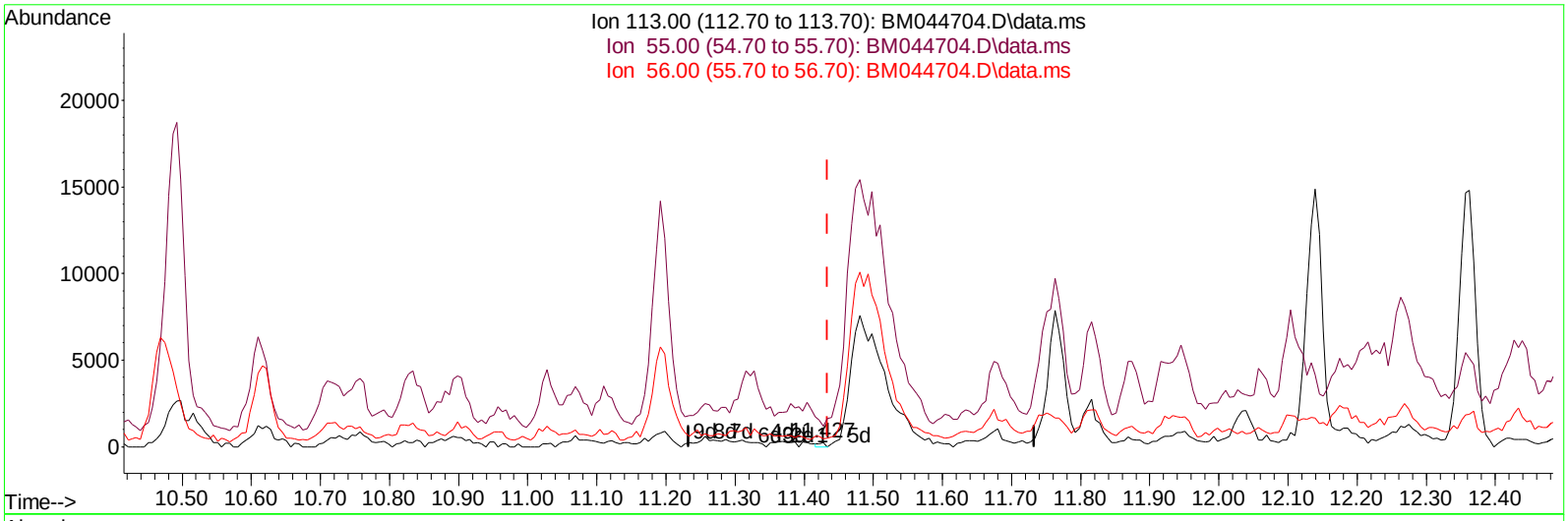
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
Data File : BM044704.D
Acq On : 21 Mar 2024 17:28
Operator : MA/JU
Sample : P1813-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

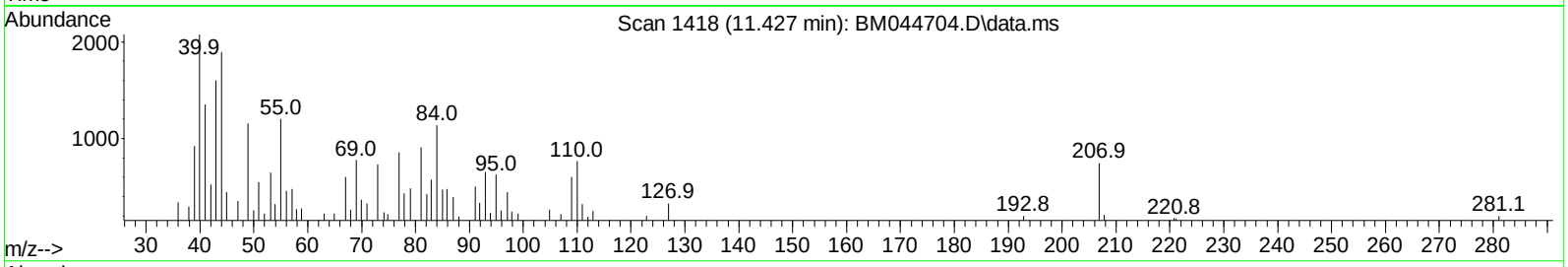
Quant Time: Mar 21 19:13:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

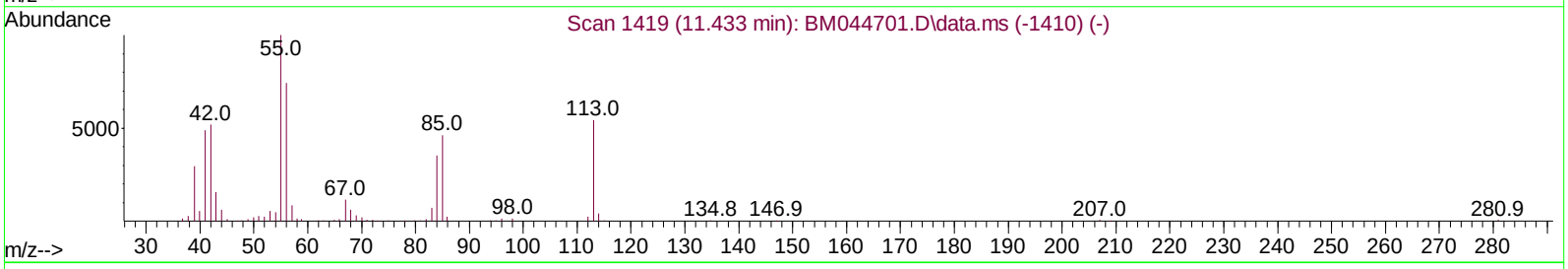
Instrument :
BNA_M
ClientSampleId :
E0LX7MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024







TIC: BM044704.D\data.ms

(34) Caprolactam

11.427min (-0.006) 0.04 ng/ul

response 149

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	476.19#
56.00	127.70	180.56#
0.00	0.00	0.00

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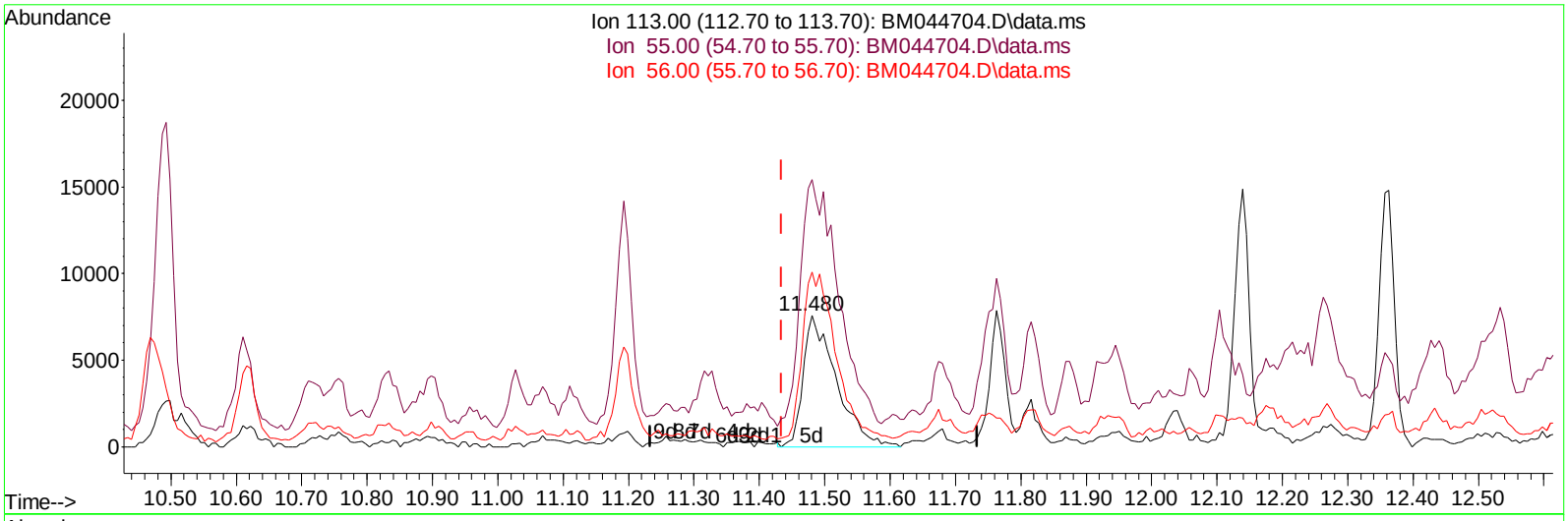

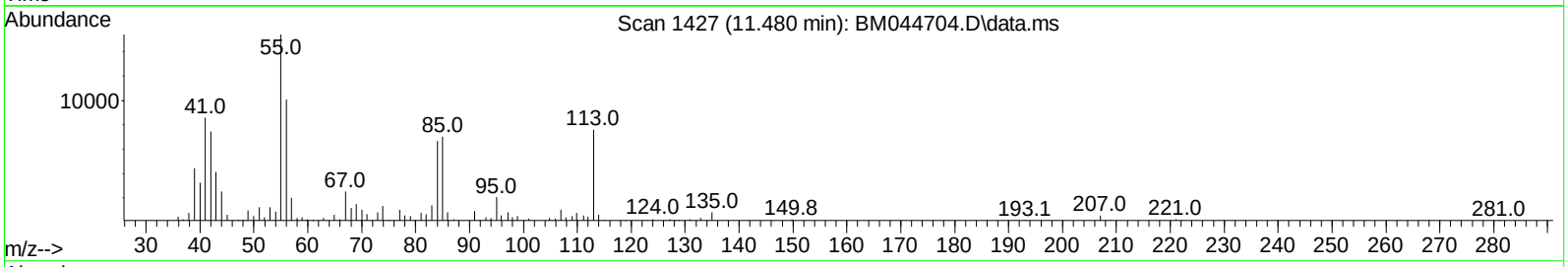

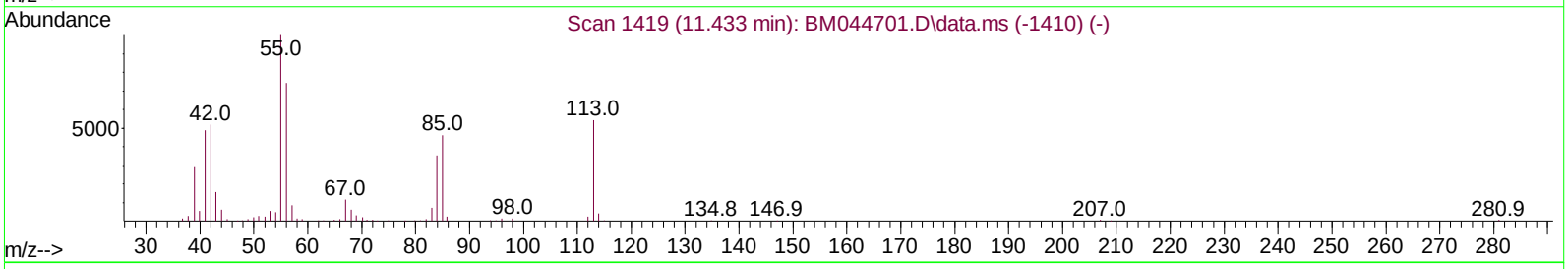

TIC: BM044704.D\data.ms

(34) Caprolactam

11.480min (+ 0.047) 6.78 ng/ul m

response 26748

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	202.98#
56.00	127.70	132.59
0.00	0.00	0.00

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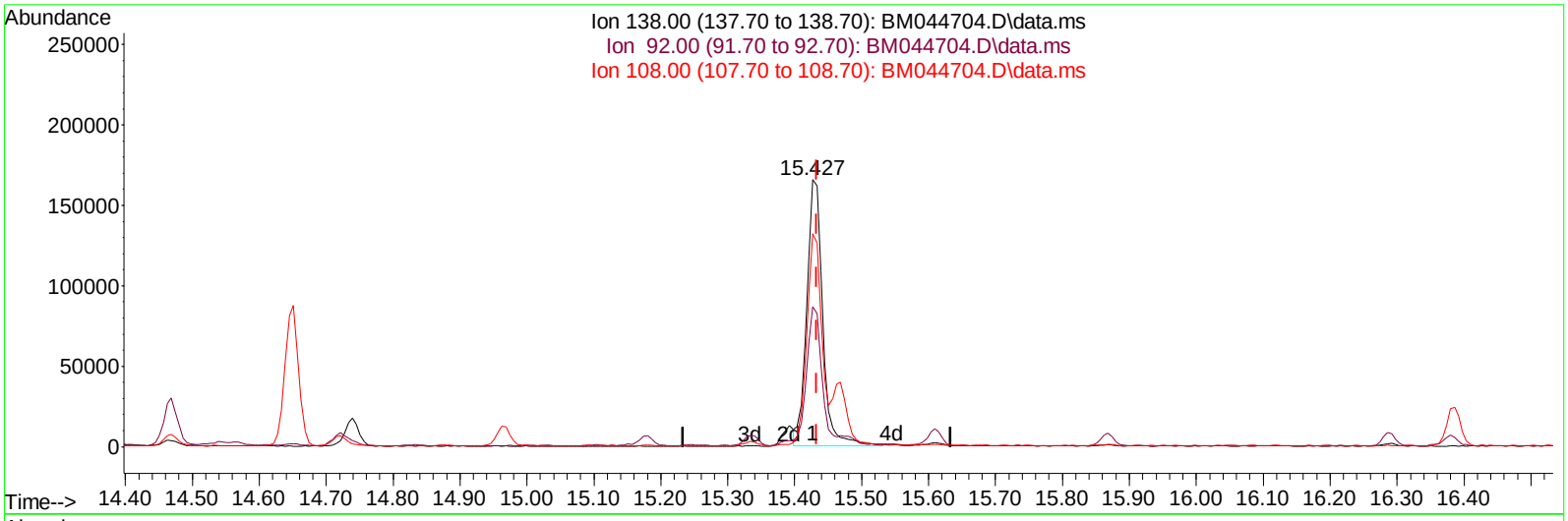

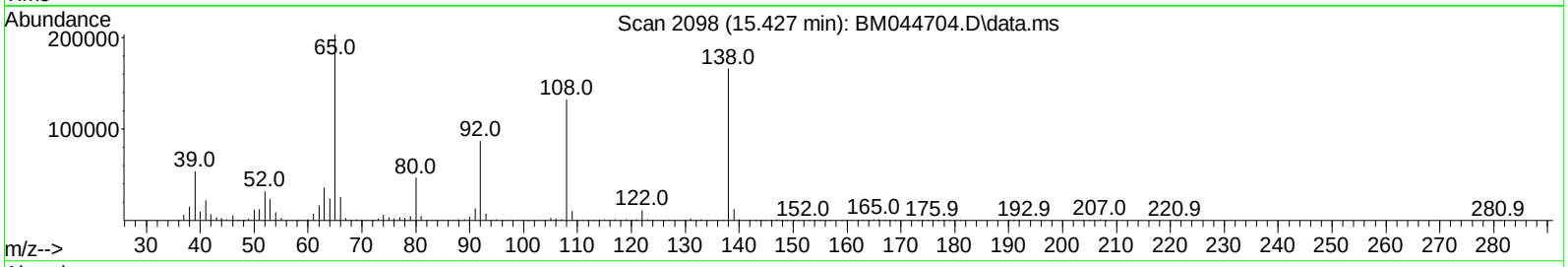

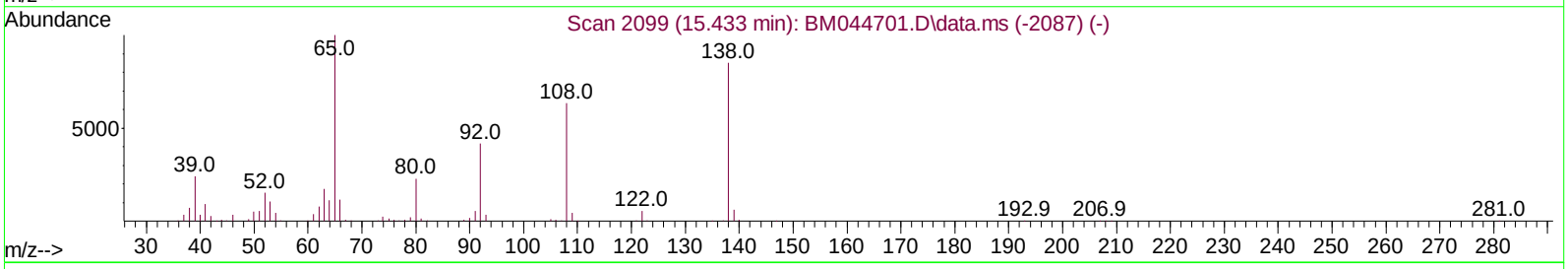

TIC: BM044704.D\data.ms

(63) 4-Nitroaniline

15.427min (-0.006) 43.12 ng/ul

response 273695

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.56
108.00	68.30	79.78
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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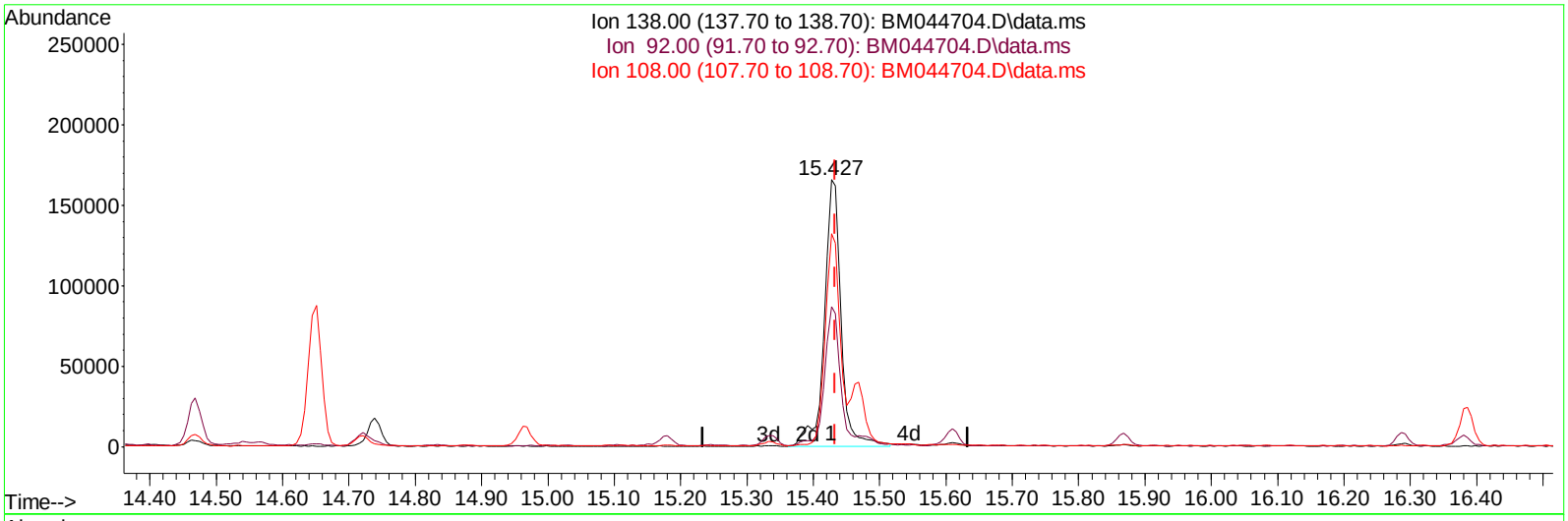

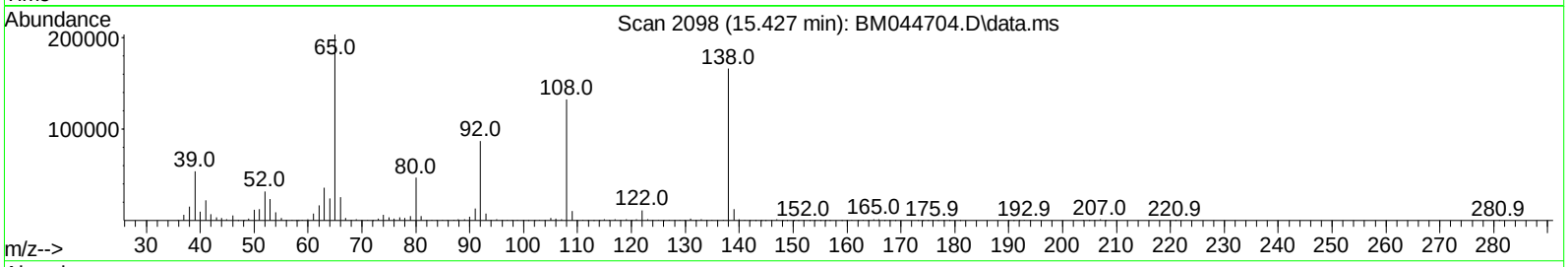

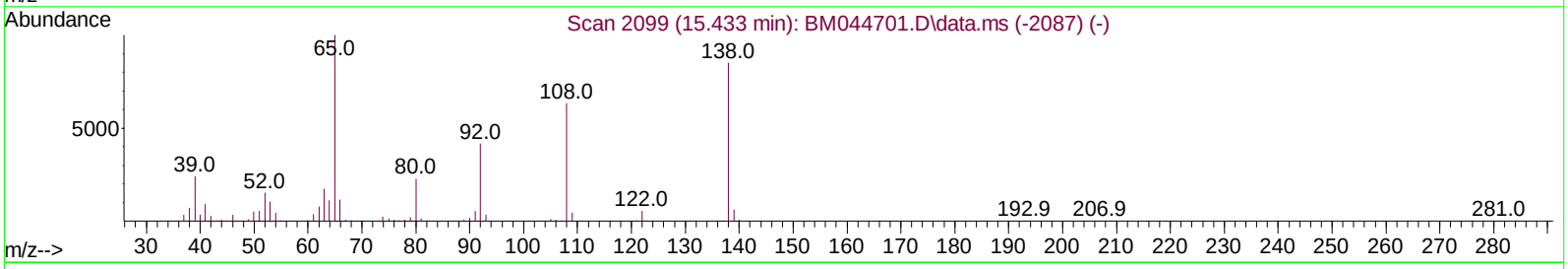

TIC: BM044704.D\data.ms

(63) 4-Nitroaniline

15.427min (-0.006) 45.87 ng/ul m

response 291152

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.56
108.00	68.30	79.78
0.00	0.00	0.00

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BNA_M
ClientSampleId :
E0LX7MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	161827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	657019	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.333	164	385626	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.092	188	765458	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	682097	20.000	ng/ul	0.00
88) Perylene-d12	23.533	264	783682	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	23639	4.954	ng/uL	0.00
4) Pyridine-d5	3.657	84	175349	12.486	ng/ul	0.00
7) Phenol-d5	6.863	99	150129	9.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	335988	32.694	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.222	132	328655	26.881	ng/ul	-0.01
15) 4-Methylphenol-d8	8.398	113	259415	19.854	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	208074	37.609	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	217706	36.502	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	371897	36.638	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.622	131	448132	26.582	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1195410	39.518	ng/ul	0.00
49) Acenaphthylene-d8	14.027	160	1339715	38.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	61838	9.857	ng/ul	0.00
60) Fluorene-d10	15.333	176	1007259	39.624	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.468	200	204302	41.117	ng/ul	0.00
73) Anthracene-d10	17.192	188	1541236	42.124	ng/ul	0.00
81) Pyrene-d10	19.492	212	1766682	42.230	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.391	264	1735601	42.135	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	28532	5.776	ng/uL#	91
5) Pyridine	3.675	79	219553	15.074	ng/ul	93
6) Benzaldehyde	6.851	77	248334	34.268	ng/ul	92
8) Phenol	6.892	94	171773	10.116	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.134	93	466043	33.425	ng/ul	95
12) 2-Chlorophenol	7.257	128	362618	28.754	ng/ul	98
13) 2-Methylphenol	8.134	108	316660	24.575	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	675315	36.676	ng/ul	97
16) Acetophenone	8.516	105	690149	34.056	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.504	70	366769	35.031	ng/ul	92
18) 4-Methylphenol	8.463	108	296586	21.145	ng/ul	97
19) Hexachloroethane	8.751	117	183447	35.512	ng/ul	98
22) Nitrobenzene	8.892	77	530075	40.401	ng/ul	96
23) Isophorone	9.416	82	1038329	38.790	ng/ul	97
25) 2-Nitrophenol	9.598	139	240725	37.022	ng/ul	94
26) 2,4-Dimethylphenol	9.657	107	439376	37.137	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.898	93	627264	37.260	ng/ul	100
29) 2,4-Dichlorophenol	10.122	162	384032	37.896	ng/ul	97
30) Naphthalene	10.522	128	1446348	38.868	ng/ul	100
32) 4-Chloroaniline	10.645	127	403433	24.823	ng/ul	100
33) Hexachlorobutadiene	10.792	225	232401	40.916	ng/ul	99
34) Caprolactam	11.480	113	26748m	6.778	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	411868	35.047	ng/ul	97

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E0LX7MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.139	142	950262	38.402	ng/ul	99
37) 1-Methylnaphthalene	12.363	142	938574	38.449	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.504	216	447324	40.774	ng/ul	99
40) Hexachlorocyclopentadiene	12.474	237	242678	33.323	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	299672	38.964	ng/ul	98
42) 2,4,5-Trichlorophenol	12.827	196	328883	39.902	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	1232767	40.258	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	965822	40.192	ng/ul	100
45) 2-Nitroaniline	13.427	65	354137	46.943	ng/ul	99
47) Dimethylphthalate	13.810	163	1267606	41.181	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	268986	43.749	ng/ul	95
50) Acenaphthylene	14.057	152	1639273	40.655	ng/ul	99
51) 3-Nitroaniline	14.263	138	255253	38.435	ng/ul	96
52) Acenaphthene	14.404	153	1091025	41.159	ng/ul	100
53) 2,4-Dinitrophenol	14.468	184	148974	37.879	ng/ul	94
55) 4-Nitrophenol	14.574	109	51314	11.675	ng/ul	87
56) Dibenzofuran	14.739	168	1461434	41.448	ng/ul	99
57) 2,4-Dinitrotoluene	14.721	165	374746	42.224	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.968	232	270345	39.635	ng/ul	99
59) Diethylphthalate	15.180	149	1343945	42.070	ng/ul	99
61) Fluorene	15.392	166	1219376	42.284	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	580147	43.345	ng/ul	99
63) 4-Nitroaniline	15.427	138	291152m	45.870	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	220778	41.580	ng/ul	94
67) N-Nitrosodiphenylamine	15.610	169	1015400	44.044	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	353651	46.191	ng/ul	97
69) Hexachlorobenzene	16.386	284	405215	46.466	ng/ul	98
70) Atrazine	16.580	200	138589	18.396	ng/ul	99
71) Pentachlorophenol	16.739	266	252638	43.873	ng/ul	99
72) Phenanthrene	17.133	178	1917704	44.164	ng/ul	99
74) Anthracene	17.227	178	1950410	44.413	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.121	216	448576	43.875	ng/uL	99
76) Pentachlorobenzene	14.651	250	452935	45.823	ng/uL	99
77) Carbazole	17.504	167	1858996	45.049	ng/ul	99
78) Di-n-butylphthalate	18.080	149	2486809	44.802	ng/ul	100
80) Fluoranthene	19.156	202	2195652	44.070	ng/ul	99
82) Pyrene	19.521	202	2276950	43.898	ng/ul	99
83) Butylbenzylphthalate	20.445	149	1136907	44.576	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	48073	3.258	ng/ul	100
85) Benzo(a)anthracene	21.274	228	2229668	43.529	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1678897	45.148	ng/ul	98
87) Chrysene	21.327	228	2061926	43.480	ng/ul	99
89) Di-n-octyl phthalate	22.109	149	2950518	42.070	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	2245764	42.827	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	2180091	42.448	ng/ul	99
93) Benzo(a)pyrene	23.438	252	2114510	43.106	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.803	276	2655775	48.270	ng/ul	98
95) Dibenzo(a,h)anthracene	25.821	278	2237140	48.765	ng/ul	98
96) Benzo(g,h,i)perylene	26.497	276	2130377	48.521	ng/ul	99

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

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