Quantitation Report (Qedit)

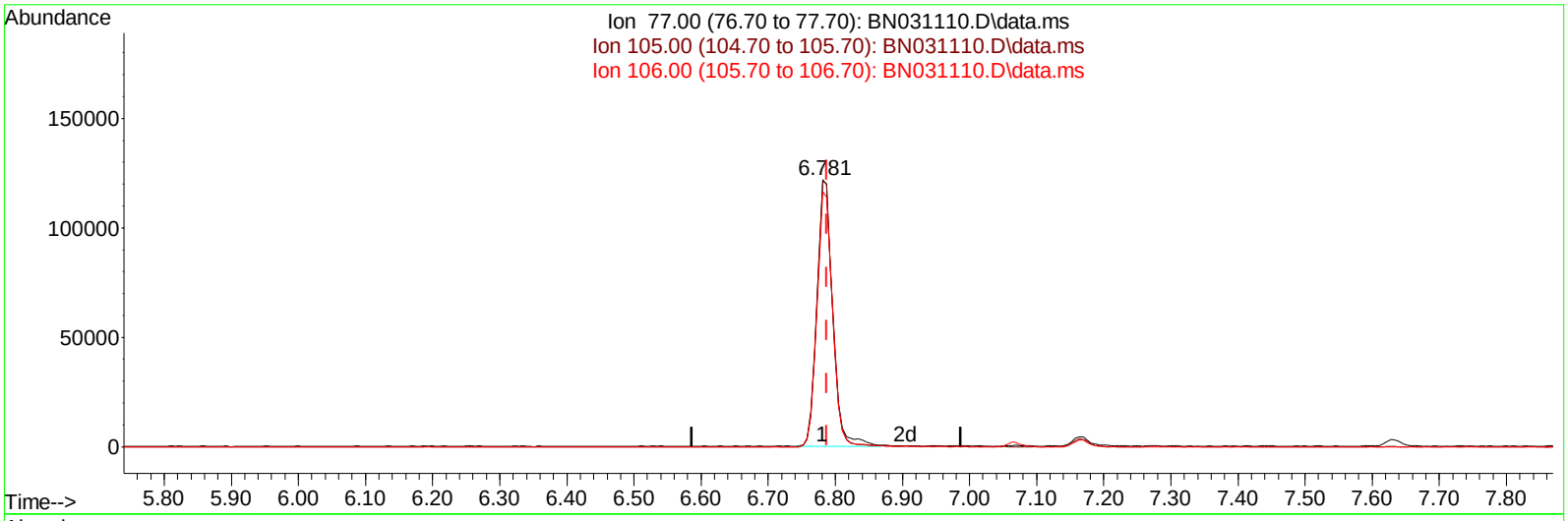
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031110.D
Acq On : 21 Apr 2024 15:47
Operator : MA/JU
Sample : PB160364BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

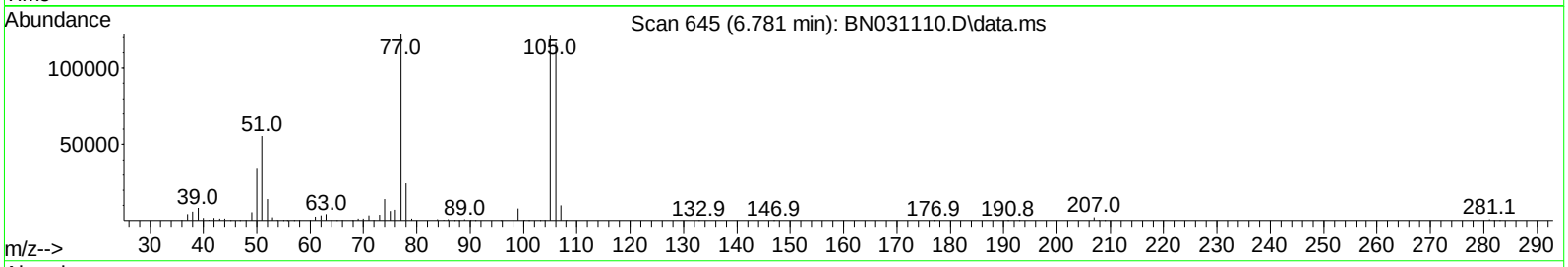
Quant Time: Apr 21 22:21:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

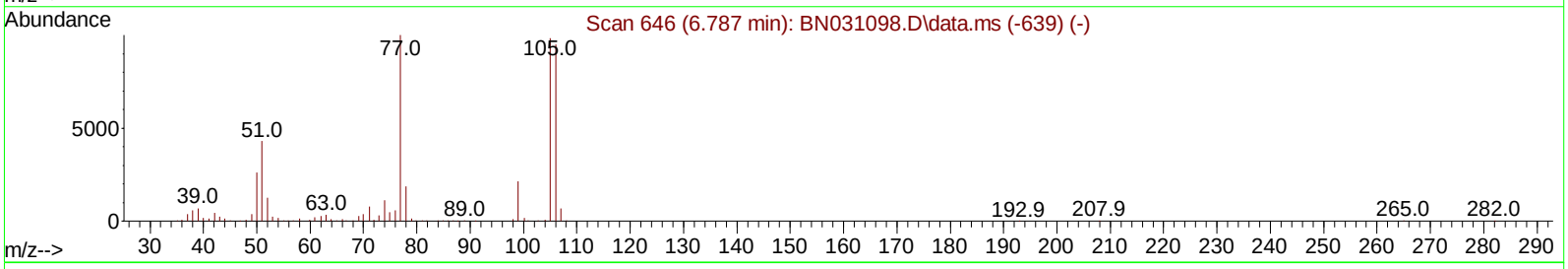
Instrument :
BNA_N
ClientSampleId :
SLCS364

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031110.D\data.ms

(6) Benzaldehyde

6.781min (-0.006) 36.46 ng/ul

response 199798

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	99.30
106.00	93.80	95.54
0.00	0.00	0.00

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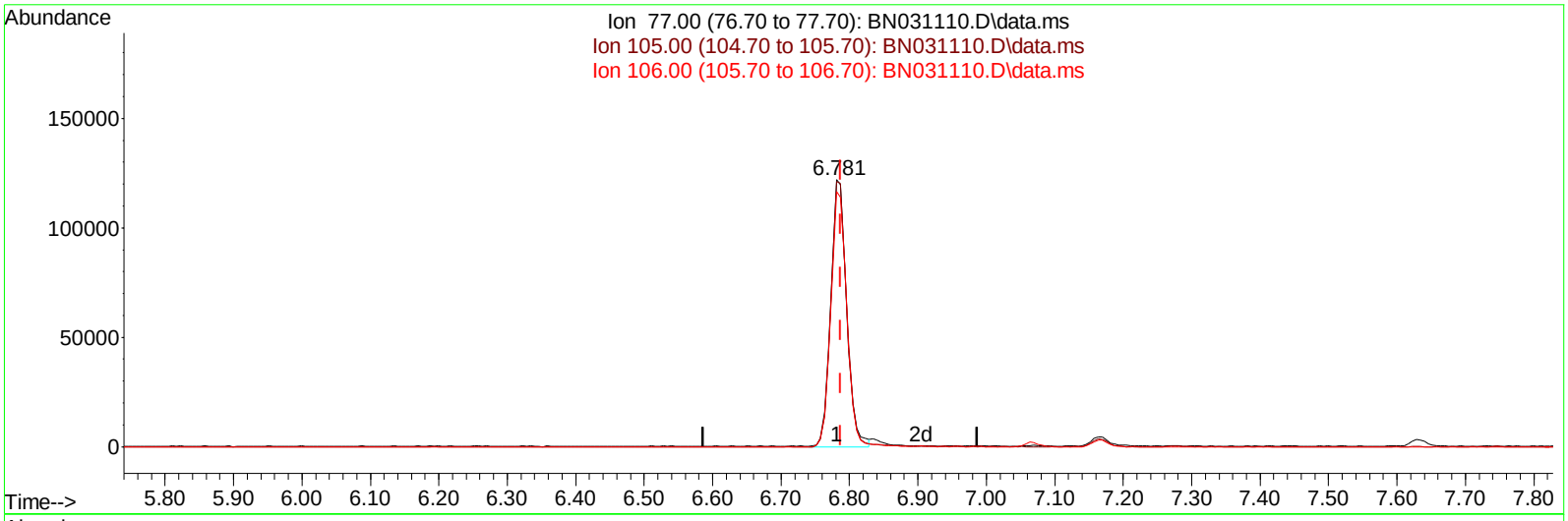

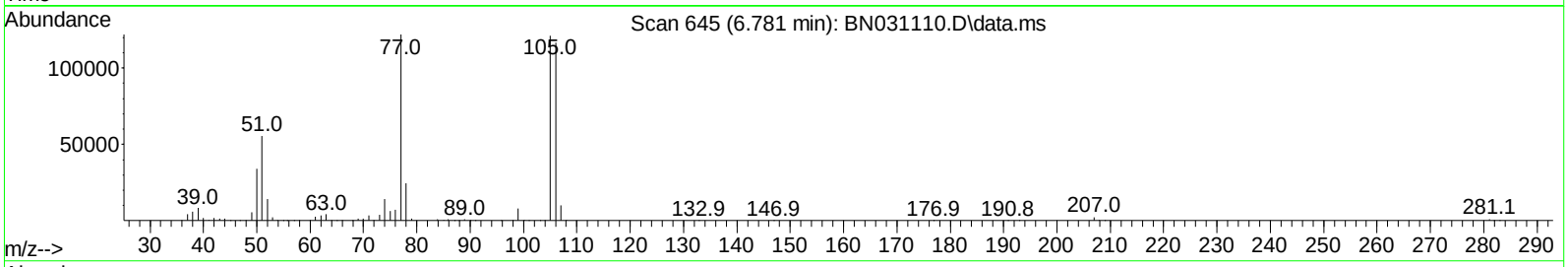

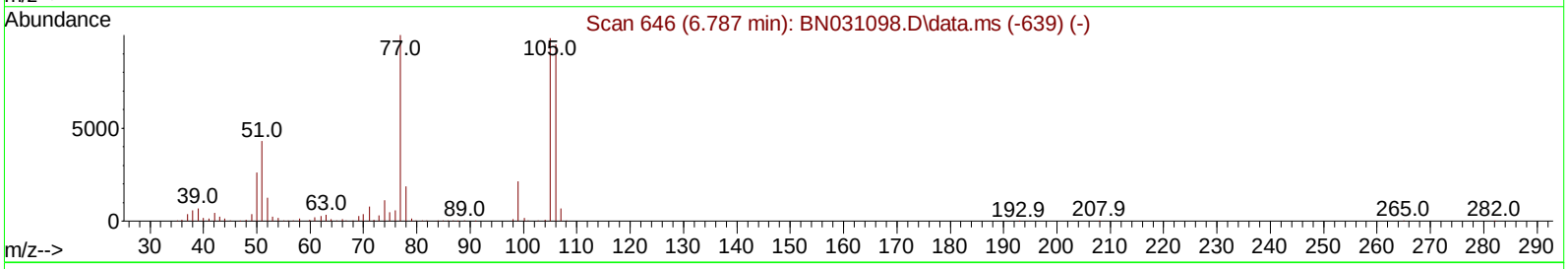

TIC: BN031110.D\data.ms

(6) Benzaldehyde

6.781min (-0.006) 35.99 ng/ul m

response 197218

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	99.30
106.00	93.80	95.54
0.00	0.00	0.00

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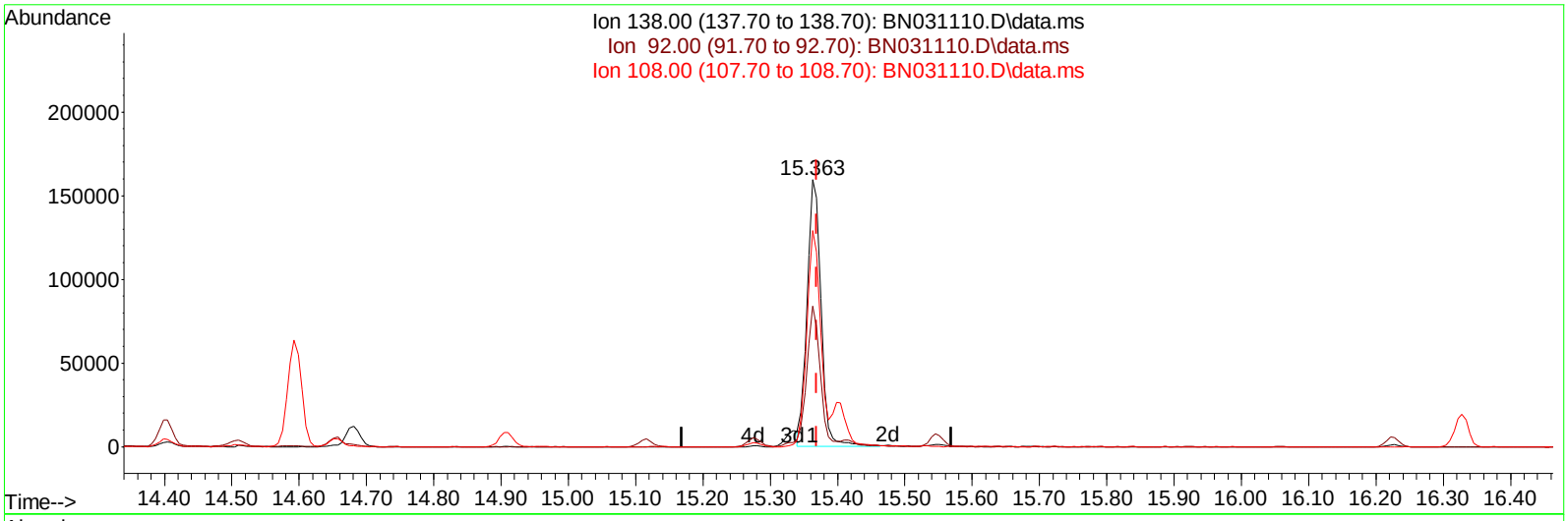

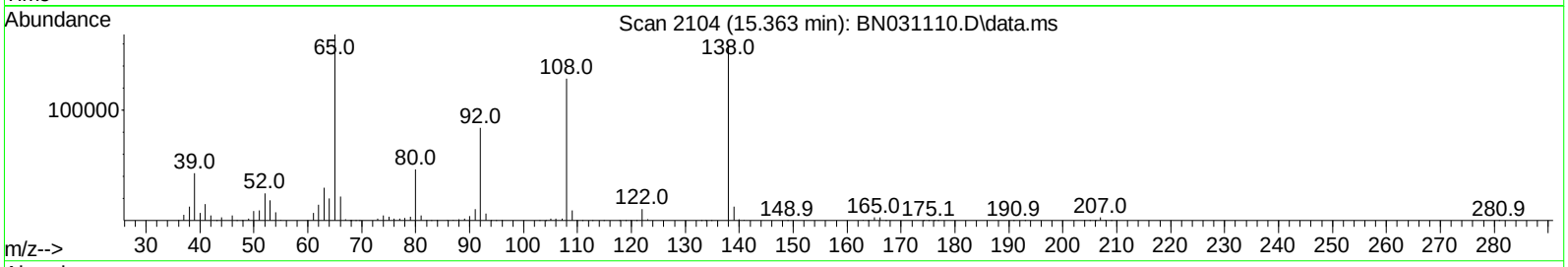

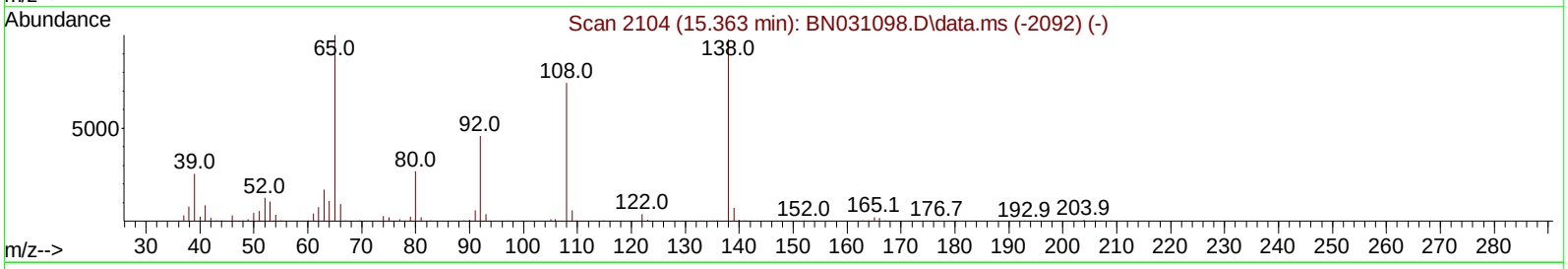

TIC: BN031110.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 33.26 ng/ul

response 231941

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	52.67
108.00	79.80	80.92
0.00	0.00	0.00

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Misc :
ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
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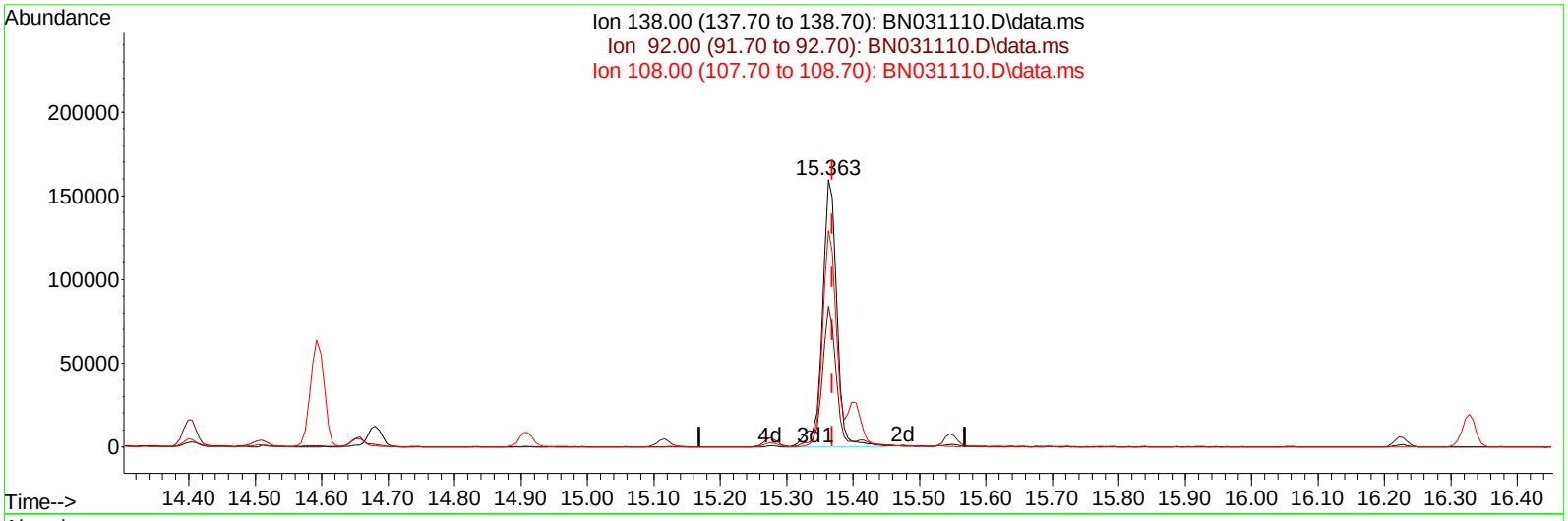

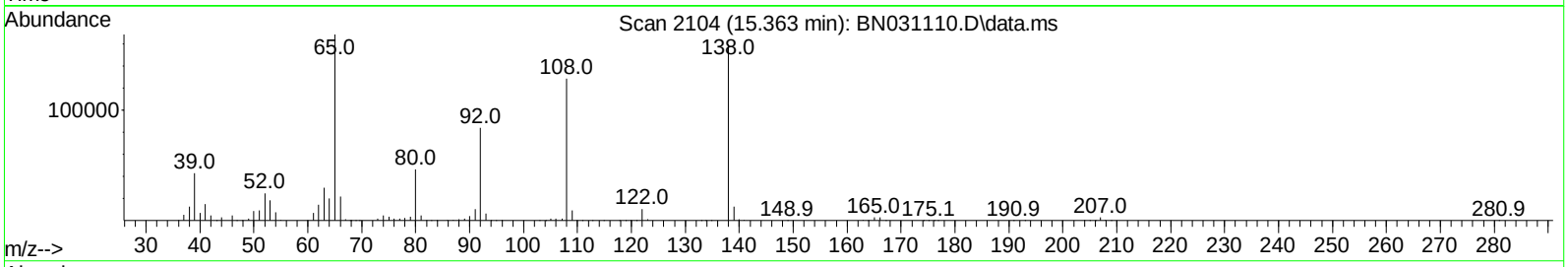

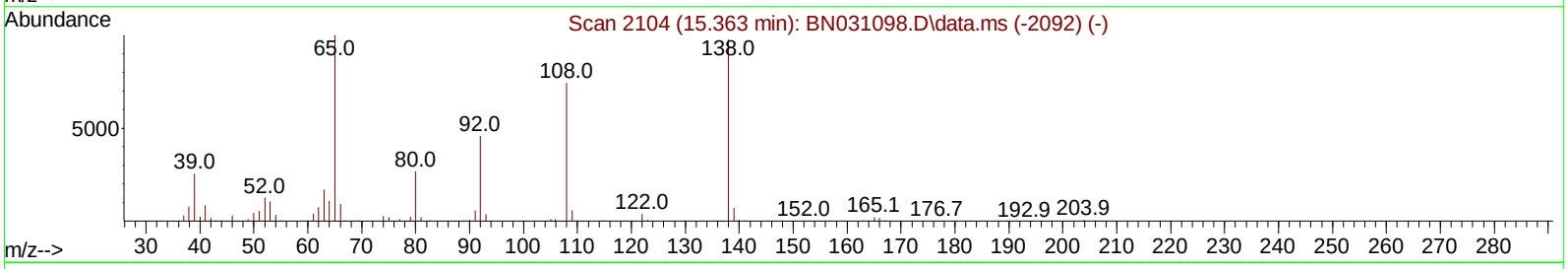

TIC: BN031110.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 35.11 ng/ul m

response 244813

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	52.67
108.00	79.80	80.92
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	132304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	614992	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	418034	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	907286	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1018376	20.000	ng/ul	0.00
88) Perylene-d12	24.169	264	1227676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	22095	7.802	ng/uL	0.00
4) Pyridine-d5	3.546	84	254280	31.179	ng/ul	0.00
7) Phenol-d5	6.805	99	365570	32.755	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	208356	32.087	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	287305	33.062	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	299375	31.896	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	144141	32.621	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	152448	33.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	302081	33.350	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	335954	23.735	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	936825	32.204	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1089764	33.059	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	207952	34.250	ng/ul	0.00
60) Fluorene-d10	15.275	176	821106	32.424	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	146761	32.062	ng/ul	0.00
73) Anthracene-d10	17.128	188	1321915	33.615	ng/ul	0.00
81) Pyrene-d10	19.433	212	1696393	33.899	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2046269	35.149	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	30232	10.074	ng/uL	89
5) Pyridine	3.570	79	259228	31.499	ng/ul	95
6) Benzaldehyde	6.781	77	197218m	35.988	ng/ul	
8) Phenol	6.834	94	371515	32.287	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	278385	30.663	ng/ul	99
12) 2-Chlorophenol	7.199	128	296605	32.837	ng/ul	97
13) 2-Methylphenol	8.075	108	272981	30.613	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.152	45	363185	30.683	ng/ul	99
16) Acetophenone	8.452	105	445656	30.645	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	217548	30.012	ng/ul	98
18) 4-Methylphenol	8.405	108	315920	31.629	ng/ul	98
19) Hexachloroethane	8.699	117	115232	30.744	ng/ul	94
22) Nitrobenzene	8.828	77	328529	31.502	ng/ul	99
23) Isophorone	9.352	82	632798	29.733	ng/ul	98
25) 2-Nitrophenol	9.534	139	164276	32.327	ng/ul	95
26) 2,4-Dimethylphenol	9.599	107	304104	29.343	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	395384	30.586	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	295510	32.664	ng/ul	99
30) Naphthalene	10.463	128	965371	30.289	ng/ul	100
32) 4-Chloroaniline	10.581	127	379515	27.594	ng/ul	100
33) Hexachlorobutadiene	10.740	225	163865	29.712	ng/ul	98
34) Caprolactam	11.357	113	106111	29.769	ng/ul	90
35) 4-Chloro-3-methylphenol	11.710	107	333875	31.830	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	686560	30.546	ng/ul	97
37) 1-Methylnaphthalene	12.304	142	694948	30.557	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.451	216	351850	32.166	ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	149373	24.859	ng/ul	95
41) 2,4,6-Trichlorophenol	12.699	196	234516	32.209	ng/ul	93
42) 2,4,5-Trichlorophenol	12.769	196	262496	32.517	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	914524	31.809	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	710834	30.941	ng/ul	96
45) 2-Nitroaniline	13.363	65	212000	33.426	ng/ul	100
47) Dimethylphthalate	13.746	163	918595	30.609	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	183277	32.534	ng/ul	96
50) Acenaphthylene	13.998	152	1182591	30.712	ng/ul	100
51) 3-Nitroaniline	14.198	138	218060	33.717	ng/ul	95
52) Acenaphthene	14.346	153	769850	30.159	ng/ul	96
53) 2,4-Dinitrophenol	14.404	184	89127	27.976	ng/ul	99
55) 4-Nitrophenol	14.510	109	159254	32.320	ng/ul	98
56) Dibenzofuran	14.681	168	1100222	31.174	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	285350	33.336	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.904	232	218950	31.384	ng/ul	100
59) Diethylphthalate	15.116	149	949753	30.773	ng/ul	99
61) Fluorene	15.334	166	890627	30.665	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.328	204	422213	30.520	ng/ul	100
63) 4-Nitroaniline	15.363	138	244813m	35.110	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	155833	31.705	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	801196	32.946	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	263763	30.741	ng/ul	92
69) Hexachlorobenzene	16.328	284	317888	32.137	ng/ul	97
70) Atrazine	16.504	200	146559	17.166	ng/ul	96
71) Pentachlorophenol	16.681	266	195839	30.473	ng/ul	99
72) Phenanthrene	17.075	178	1534522	31.977	ng/ul	99
74) Anthracene	17.163	178	1521221	31.324	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	355091	33.367	ng/uL	96
76) Pentachlorobenzene	14.593	250	345621	31.450	ng/uL	98
77) Carbazole	17.439	167	1466082	33.049	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1780018	32.920	ng/ul	99
80) Fluoranthene	19.098	202	1904064	32.149	ng/ul	99
82) Pyrene	19.463	202	2056047	33.040	ng/ul	98
83) Butylbenzylphthalate	20.375	149	893059	32.524	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.186	252	662070	31.201	ng/ul	93
85) Benzo(a)anthracene	21.251	228	2200429	31.819	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	1301308	31.564	ng/ul	99
87) Chrysene	21.310	228	2078215	31.659	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	2447959	34.593	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2380996	34.469	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	2386918	34.357	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2075485	30.118	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.421	276	2721684	31.828	ng/ul	99
95) Dibenzo(a,h)anthracene	27.480	278	2252570	32.094	ng/ul	97
96) Benzo(g,h,i)perylene	28.439	276	2097758	30.463	ng/ul	99

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

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