Quantitation Report (Qedit)

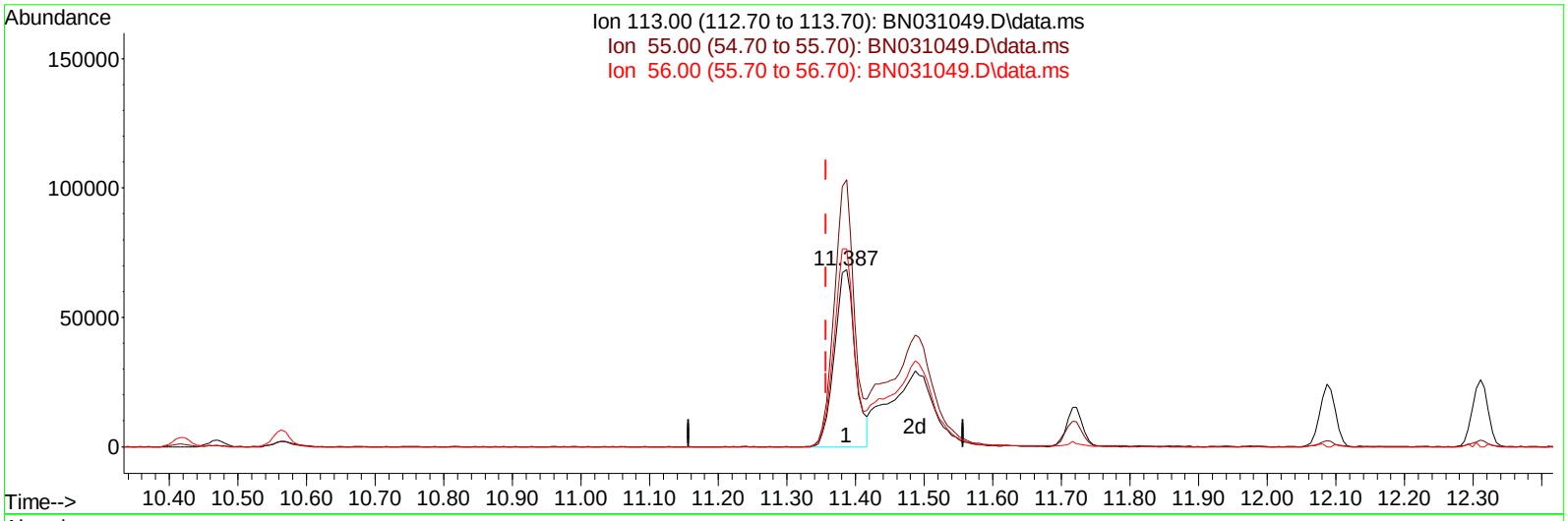
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031049.D
Acq On : 19 Apr 2024 20:23
Operator : MA/JU
Sample : SSTD08042
Misc :
ALS Vial : 96 Sample Multiplier: 1

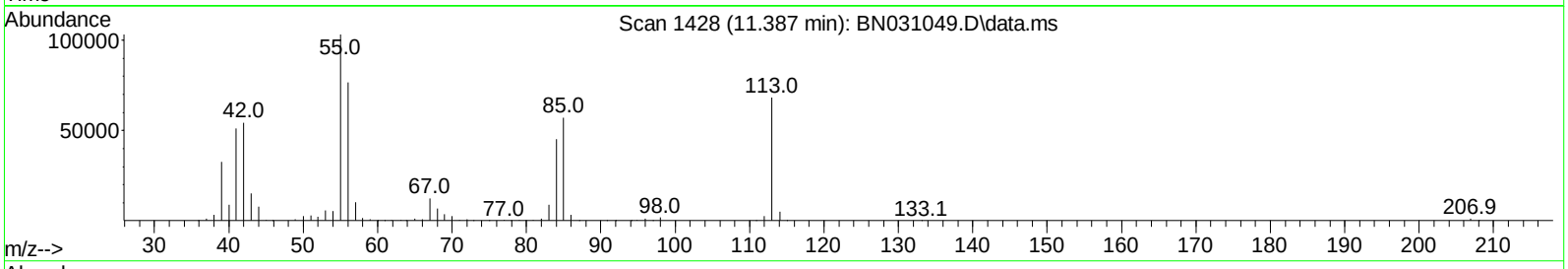
Quant Time: Apr 19 22:29:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:25:10 2024
Response via : Initial Calibration

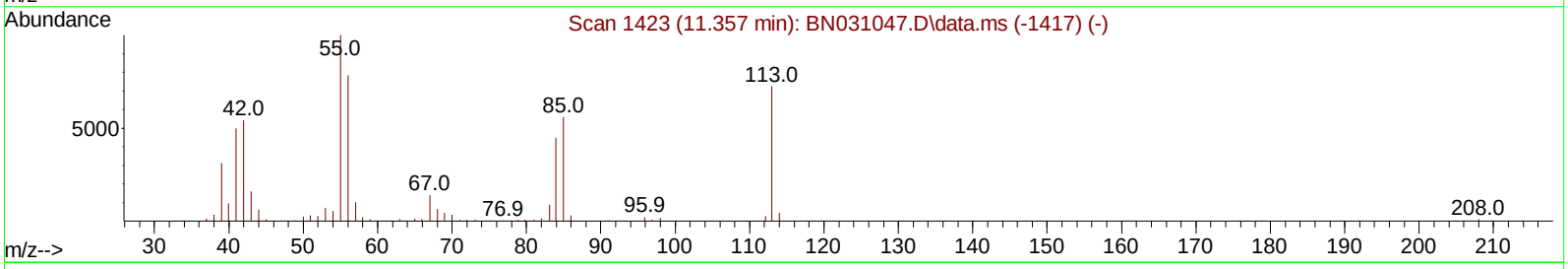
Instrument :
BNA_N
ClientSampleId :
SSTD080221

Manual IntegrationsAPPROVED

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







TIC: BN031049.D\data.ms

(34) Caprolactam

11.387min (+ 0.029) 47.91 ng/ul

response 142588

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	150.90
56.00	110.00	112.04
0.00	0.00	0.00

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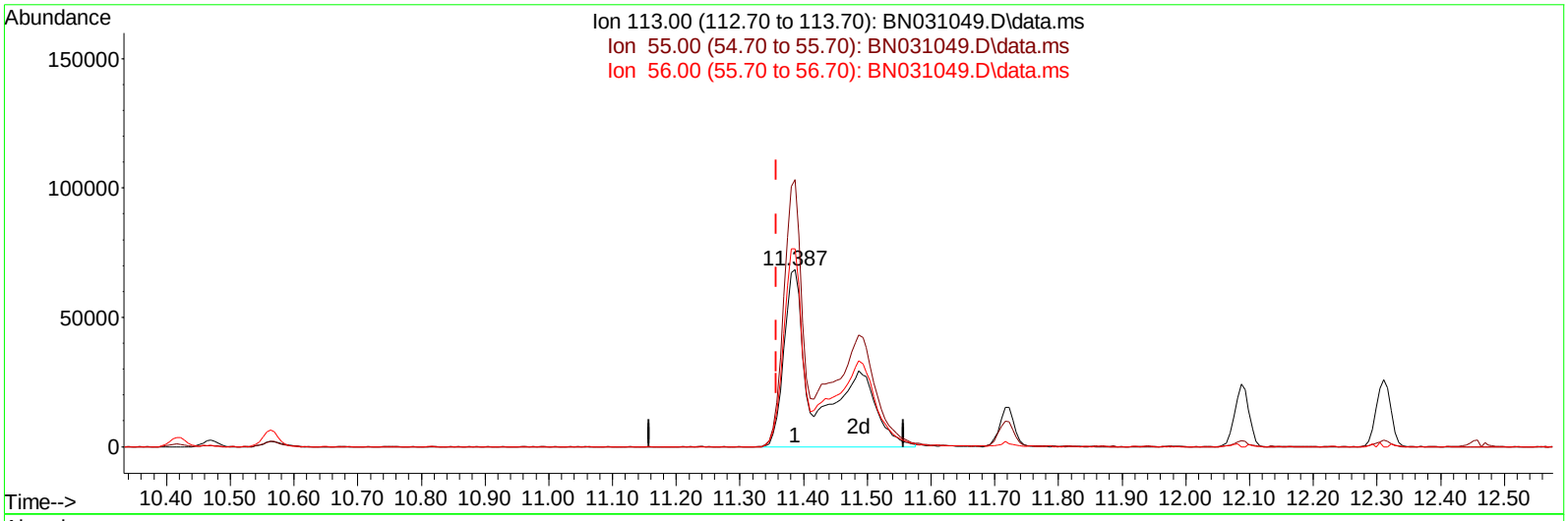

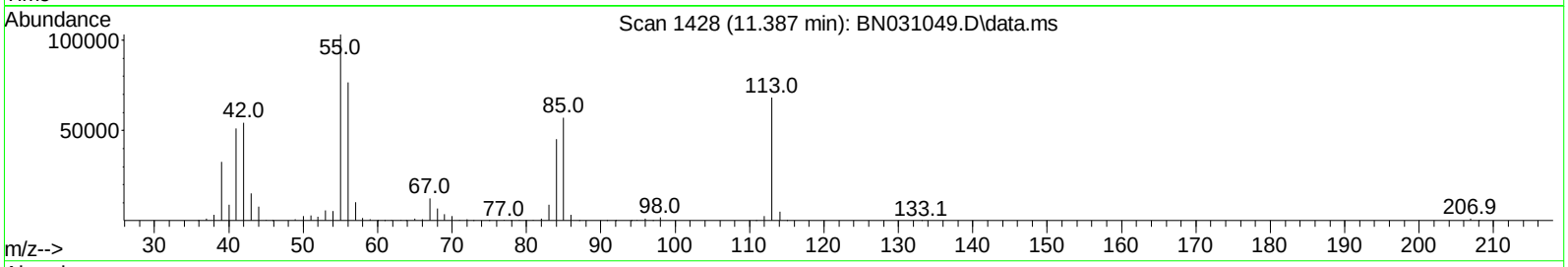

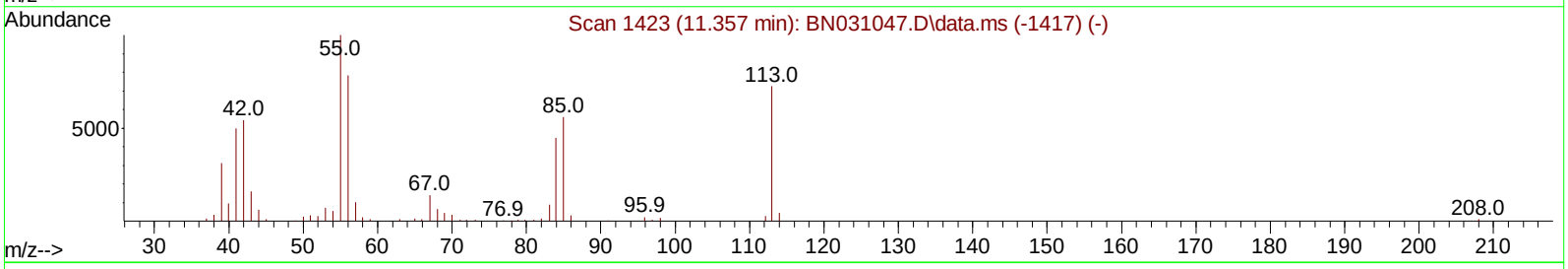

TIC: BN031049.D\data.ms

(34) Caprolactam

11.387min (+ 0.029) 93.38 ng/ul m

response 277927

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	150.90
56.00	110.00	112.04
0.00	0.00	0.00

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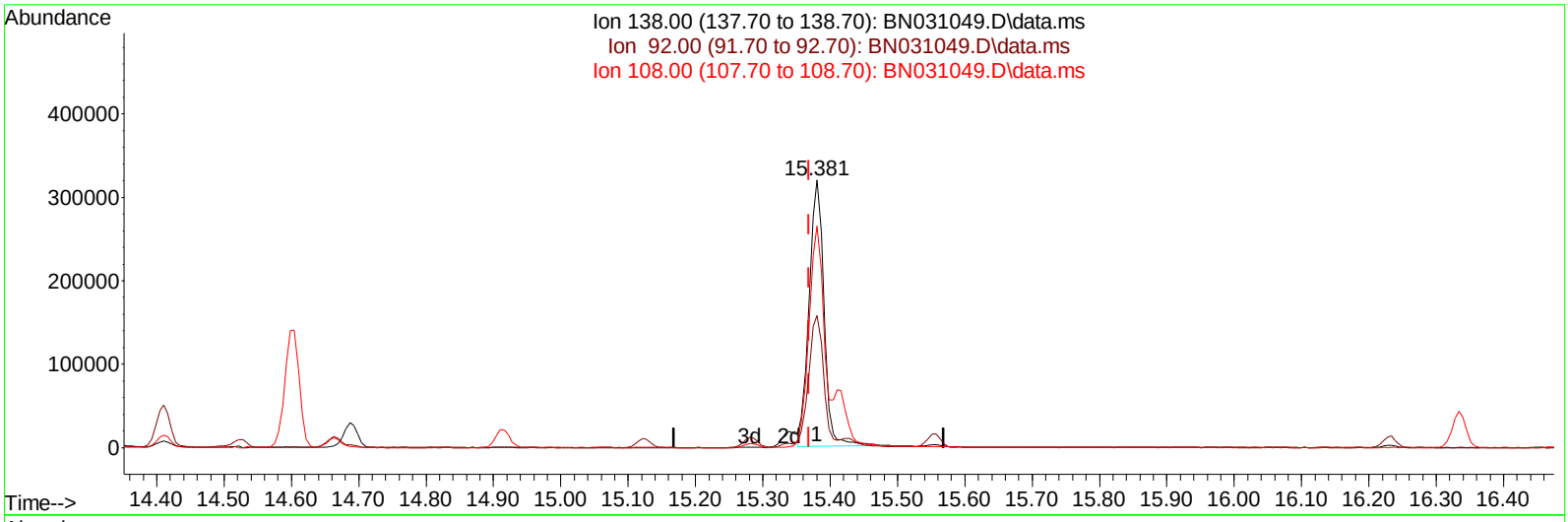

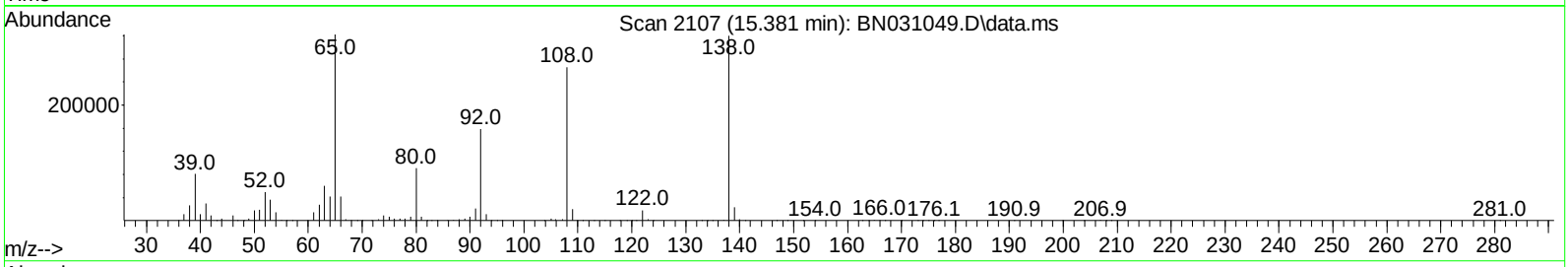

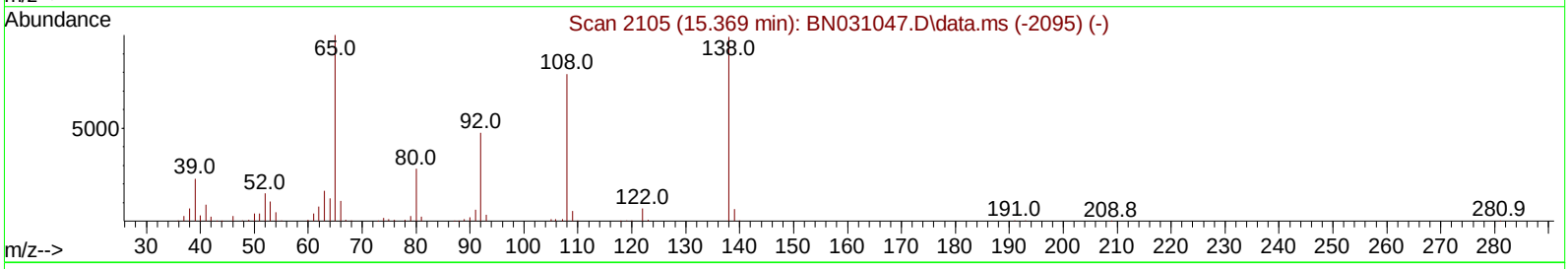

TIC: BN031049.D\data.ms

(63) 4-Nitroaniline

15.381min (+ 0.012) 94.27 ng/ul

response 491751

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.44
108.00	79.80	82.89
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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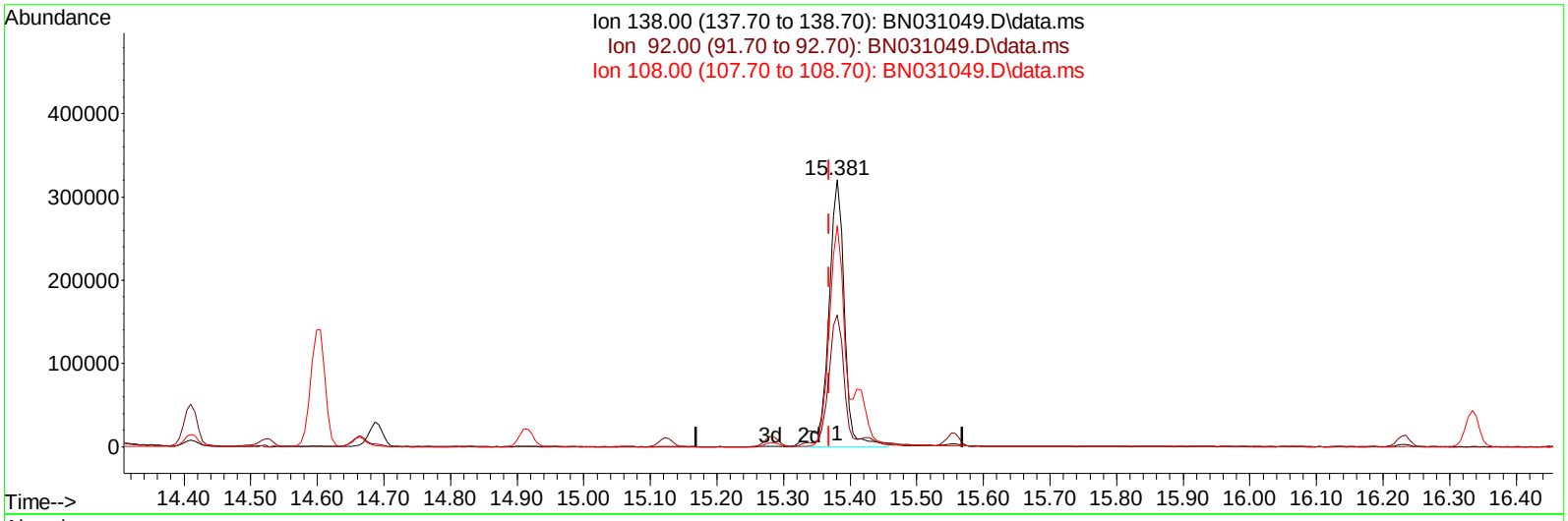
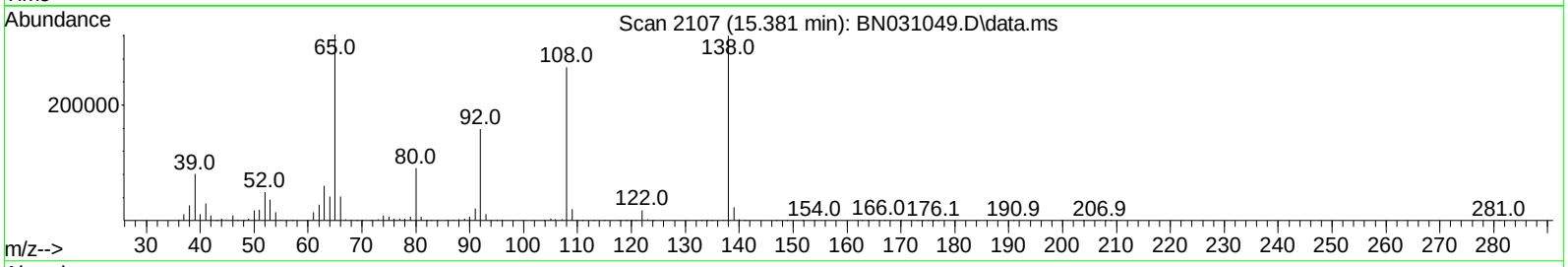
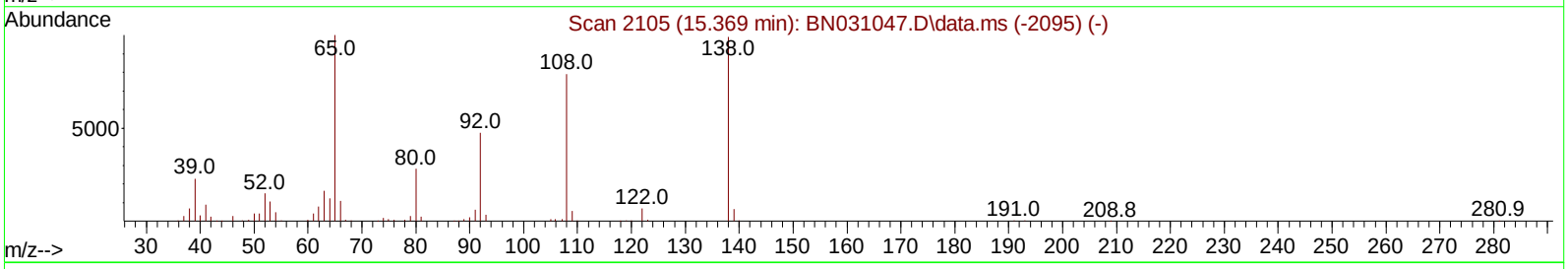
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031049.D\data.ms

(63) 4-Nitroaniline

15.381min (+ 0.012) 102.21 ng/ul m

response 533154

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	49.44
108.00	79.80	82.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTD08042
Misc :
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Apr 19 22:49:31 2024
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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	7.640	152	117383	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	561824	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	395321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	924987	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	963125	20.000	ng/ul	0.01
88) Perylene-d12	24.180	264	1393392	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	78315	31.281	ng/uL	0.00
4) Pyridine-d5	3.552	84	613034	81.666	ng/ul	0.00
7) Phenol-d5	6.816	99	827646	87.160	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	460616	78.536	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	639719	88.807	ng/ul	0.00
15) 4-Methylphenol-d8	8.352	113	678603	85.269	ng/ul	0.01
21) Nitrobenzene-d5	8.799	128	340589	87.390	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	380737	106.789	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	677209	86.762	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	1044554	81.288	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	2155101	81.652	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	2440947	80.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	485948	96.254	ng/ul	0.02
60) Fluorene-d10	15.281	176	1845111	79.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	408283	100.000	ng/ul	0.01
73) Anthracene-d10	17.134	188	2992688	75.091	ng/ul	0.00
81) Pyrene-d10	19.439	212	3732987	72.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	5155488	80.298	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	83887	31.279	ng/uL	97
5) Pyridine	3.570	79	615174	81.216	ng/ul	97
6) Benzaldehyde	6.787	77	360543	81.533	ng/ul	97
8) Phenol	6.840	94	844093	85.329	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	643142	79.728	ng/ul	98
12) 2-Chlorophenol	7.205	128	667336	86.359	ng/ul	98
13) 2-Methylphenol	8.081	108	649164	85.162	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.164	45	828715	72.958	ng/ul	99
16) Acetophenone	8.463	105	1020749	81.236	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.458	70	510314	80.637	ng/ul	99
18) 4-Methylphenol	8.416	108	716989	84.021	ng/ul	94
19) Hexachloroethane	8.705	117	268062	82.741	ng/ul	97
22) Nitrobenzene	8.840	77	782953	82.295	ng/ul	99
23) Isophorone	9.363	82	1577336	83.133	ng/ul	100
25) 2-Nitrophenol	9.546	139	407984	97.366	ng/ul	97
26) 2,4-Dimethylphenol	9.605	107	750243	80.557	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.846	93	925915	76.754	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	677711	85.065	ng/ul	99
30) Naphthalene	10.469	128	2242453	77.823	ng/ul	100
32) 4-Chloroaniline	10.587	127	1004386	81.103	ng/ul	98
33) Hexachlorobutadiene	10.746	225	387176	77.207	ng/ul	96
34) Caprolactam	11.387	113	277927m	93.379	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	790504	88.095	ng/ul	97

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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	12.087	142	1582393	78.635	ng/ul	99
37) 1-Methylnaphthalene	12.310	142	1591716	77.919	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	787037	77.145	ng/ul	96
40) Hexachlorocyclopentadiene	12.434	237	486808	84.023	ng/ul	95
41) 2,4,6-Trichlorophenol	12.710	196	573749	89.998	ng/ul	92
42) 2,4,5-Trichlorophenol	12.781	196	628807	87.338	ng/ul	96
43) 1,1'-Biphenyl	13.116	154	2060524	76.471	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	1657899	78.161	ng/ul	99
45) 2-Nitroaniline	13.375	65	535187	94.810	ng/ul	98
47) Dimethylphthalate	13.751	163	2207226	80.955	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	483776	95.702	ng/ul	98
50) Acenaphthylene	14.010	152	2765583	78.874	ng/ul	100
51) 3-Nitroaniline	14.204	138	502868	93.723	ng/ul	96
52) Acenaphthene	14.351	153	1829452	78.295	ng/ul	97
53) 2,4-Dinitrophenol	14.410	184	286662	123.465	ng/ul	97
55) 4-Nitrophenol	14.528	109	390443	97.614	ng/ul	96
56) Dibenzofuran	14.687	168	2521970	77.646	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	715820	96.992	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	560521	93.741	ng/ul	94
59) Diethylphthalate	15.122	149	2298845	82.996	ng/ul	98
61) Fluorene	15.340	166	1910696	74.009	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.340	204	924842	73.016	ng/ul	98
63) 4-Nitroaniline	15.381	138	533154m	102.210	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	433157	98.737	ng/ul#	97
67) N-Nitrosodiphenylamine	15.557	169	1808346	71.786	ng/ul	98
68) 4-Bromophenyl-phenylether	16.234	248	660686	75.219	ng/ul	93
69) Hexachlorobenzene	16.334	284	757006	73.192	ng/ul	99
70) Atrazine	16.516	200	664633	76.121	ng/ul	97
71) Pentachlorophenol	16.687	266	541845	88.854	ng/ul	97
72) Phenanthrene	17.081	178	3490494	73.448	ng/ul	99
74) Anthracene	17.169	178	3534447	73.570	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.075	216	805603	70.892	ng/uL	98
76) Pentachlorobenzene	14.604	250	828465	71.775	ng/uL	98
77) Carbazole	17.445	167	3415151	81.059	ng/ul	98
78) Di-n-butylphthalate	18.010	149	4339585	84.432	ng/ul	99
80) Fluoranthene	19.104	202	4341135	70.524	ng/ul	100
82) Pyrene	19.469	202	4429822	68.142	ng/ul	100
83) Butylbenzylphthalate	20.381	149	2247823	90.543	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.192	252	1576450	89.080	ng/ul	95
85) Benzo(a)anthracene	21.257	228	5014745	78.018	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.186	149	3004135	82.054	ng/ul	100
87) Chrysene	21.322	228	4648376	76.618	ng/ul	96
89) Di-n-octyl phthalate	22.286	149	6366933	72.155	ng/ul	100
90) Benzo(b)fluoranthene	23.269	252	5931185	72.329	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	5837020	70.090	ng/ul	98
93) Benzo(a)pyrene	24.063	252	5911076	76.307	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.457	276	7692398	91.864	ng/ul	100
95) Dibenzo(a,h)anthracene	27.521	278	6240319	88.523	ng/ul	96
96) Benzo(g,h,i)perylene	28.492	276	6269383	95.368	ng/ul	98

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

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