Quantitation Report (Qedit)

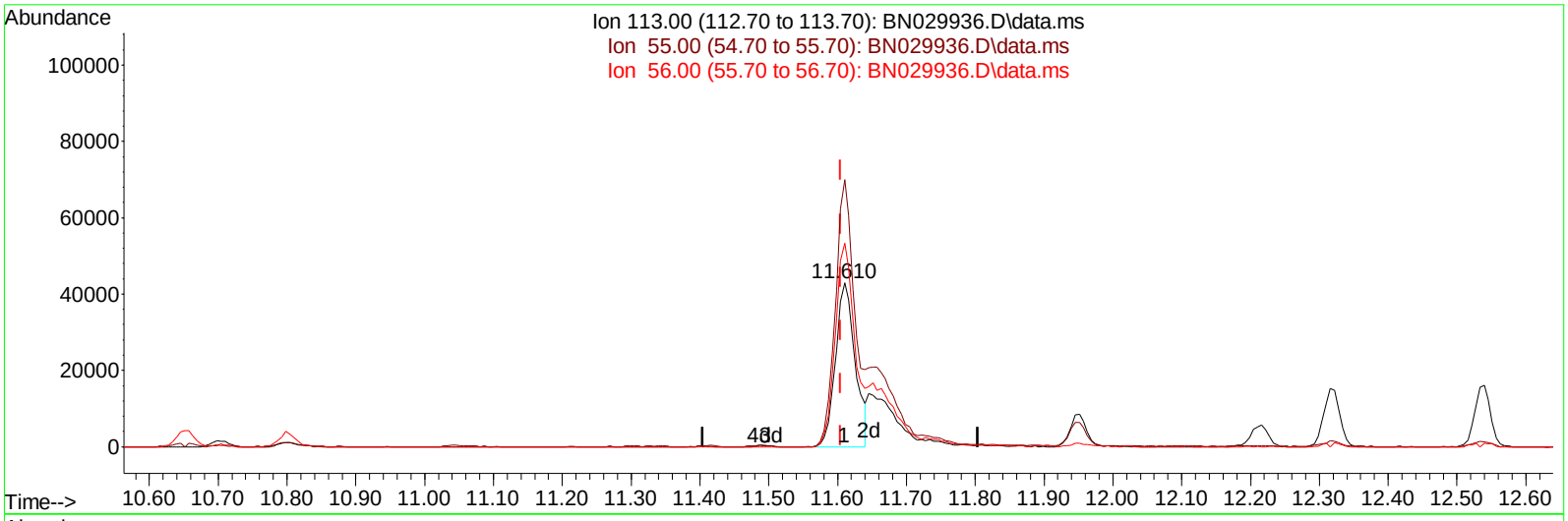
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
Data File : BN029936.D
Acq On : 22 Feb 2024 20:27
Operator : MA/JU
Sample : PB159100BS
Misc :
ALS Vial : 57 Sample Multiplier: 1

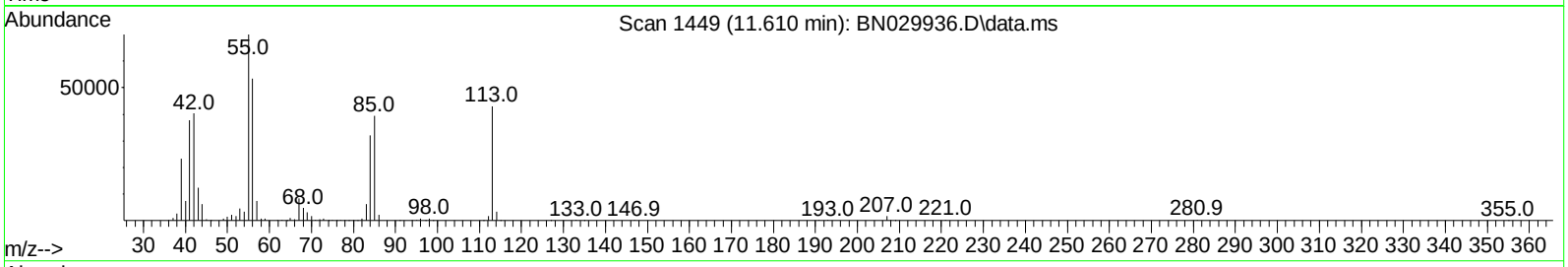
Quant Time: Feb 22 22:43:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 21 22:34:54 2024
Response via : Initial Calibration

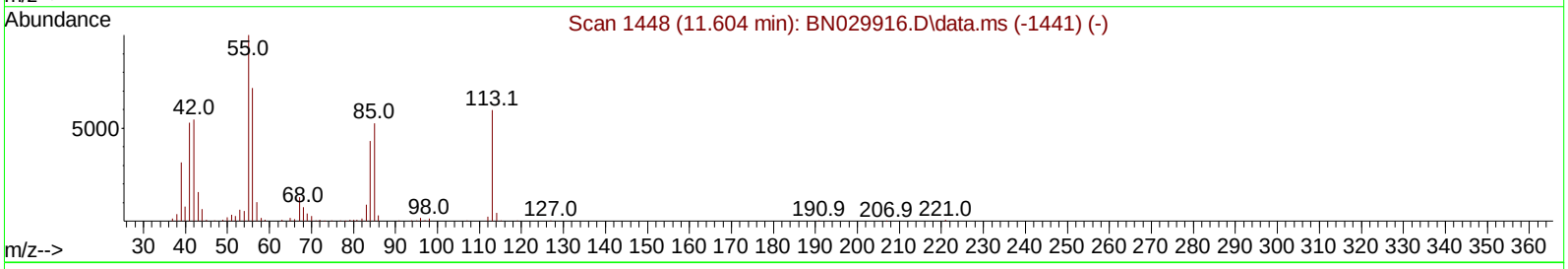
Instrument :
BNA_N
ClientSampleId :
SLCS100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/24/2024







TIC: BN029936.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 27.74 ng/ul

response 84638

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	162.76
56.00	129.20	124.33
0.00	0.00	0.00

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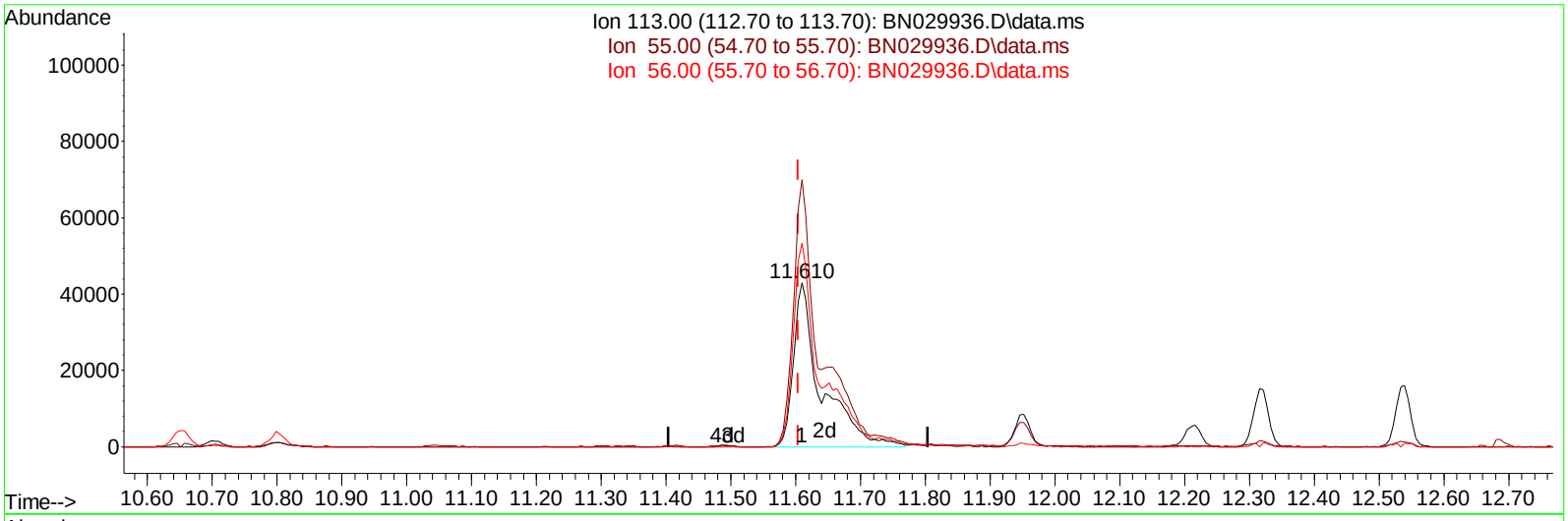

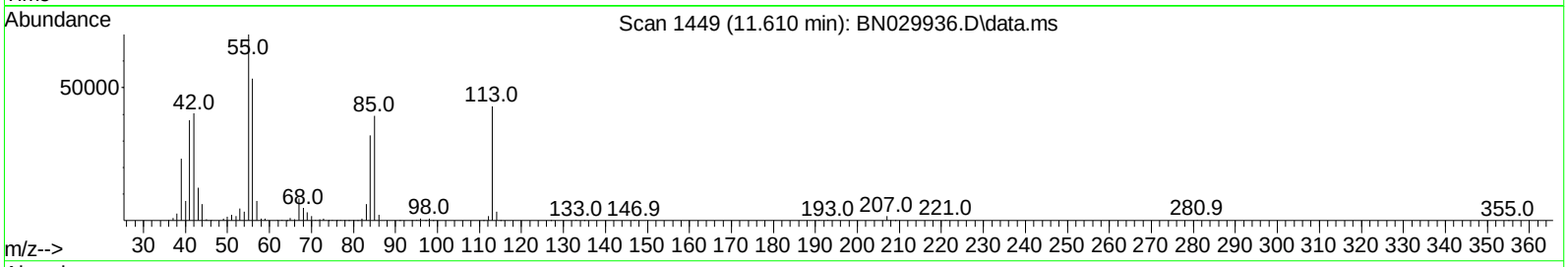

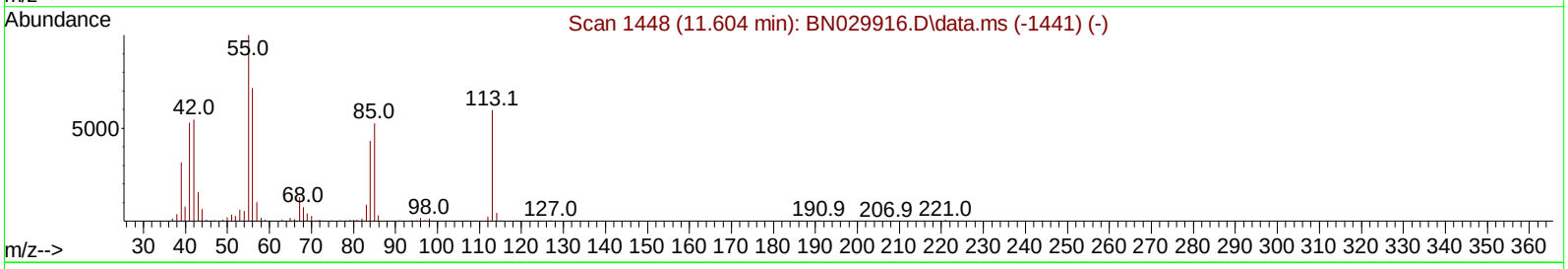

TIC: BN029936.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 41.44 ng/ul m

response 126456

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	162.76
56.00	129.20	124.33
0.00	0.00	0.00

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Misc :
ALS Vial : 57 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 21 22:34:54 2024
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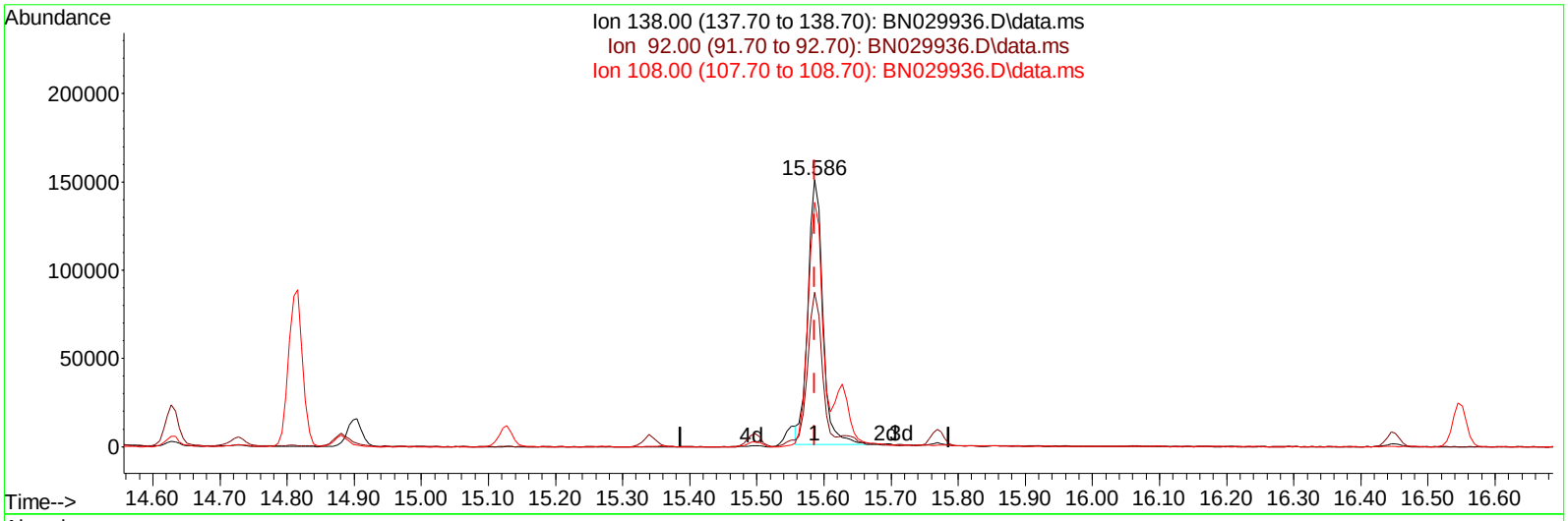

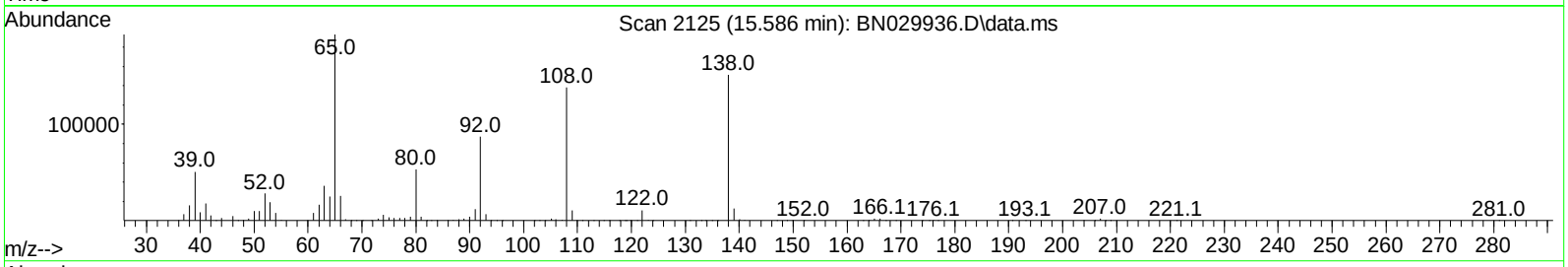

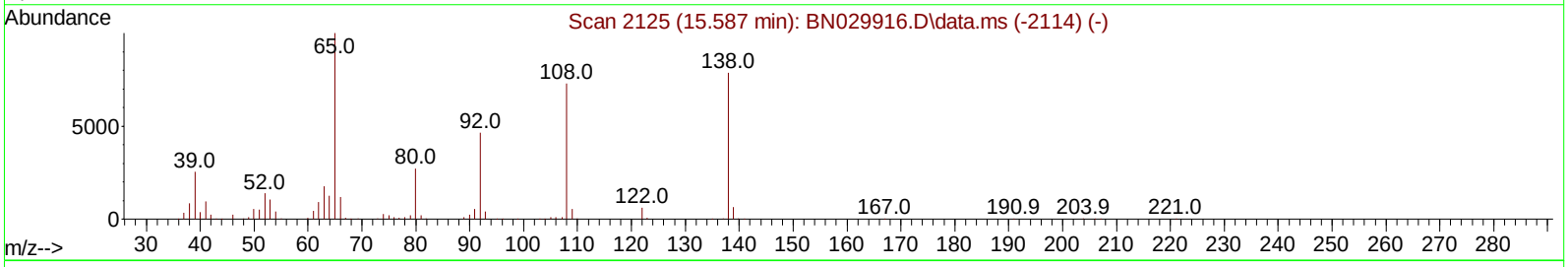

TIC: BN029936.D\data.ms

(63) 4-Nitroaniline

15.586min (-0.000) 45.41 ng/ul

response 232658

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.30	57.86
108.00	88.60	91.53
0.00	0.00	0.00

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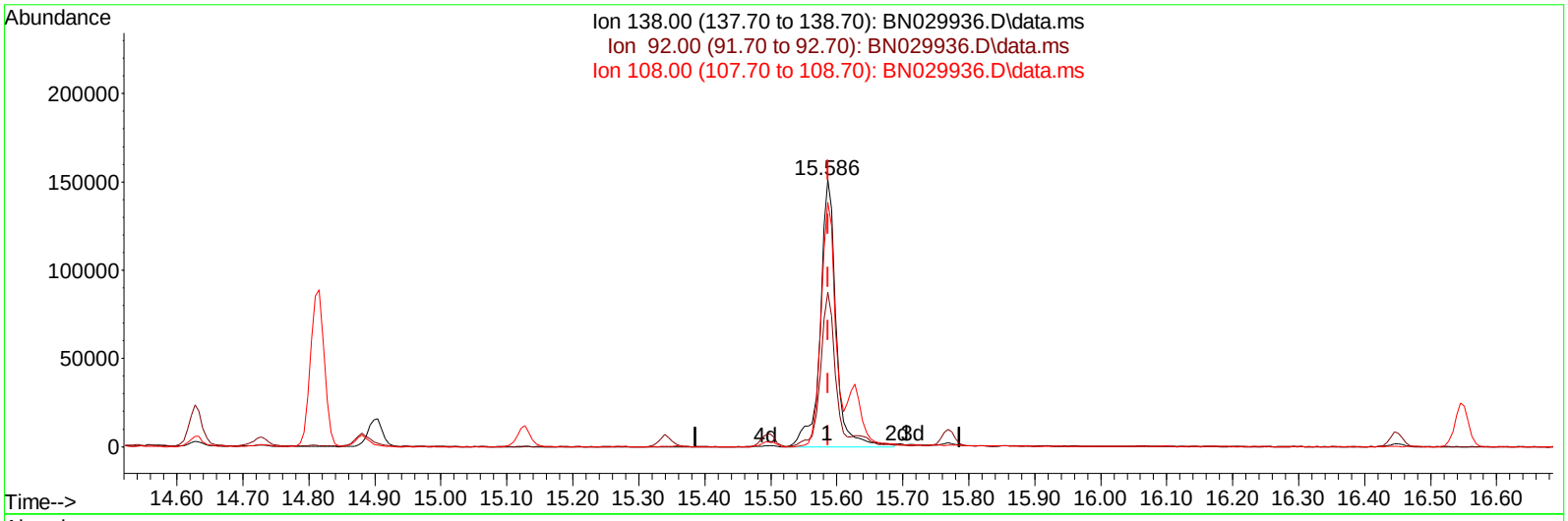

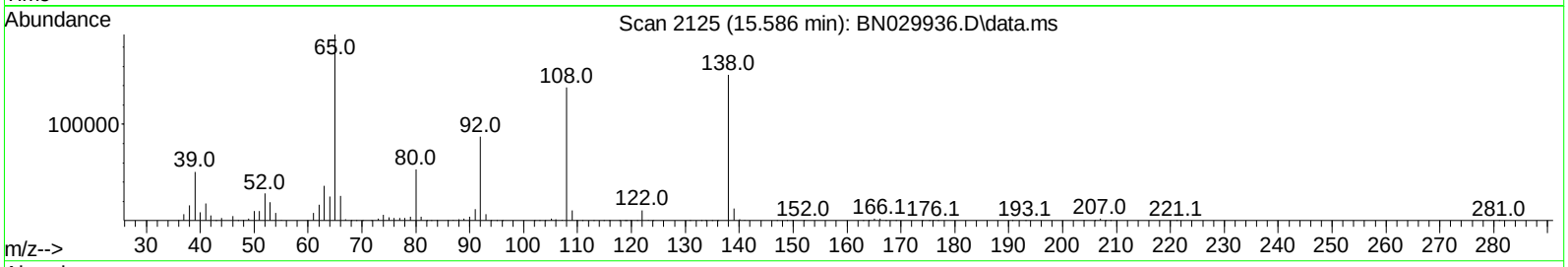

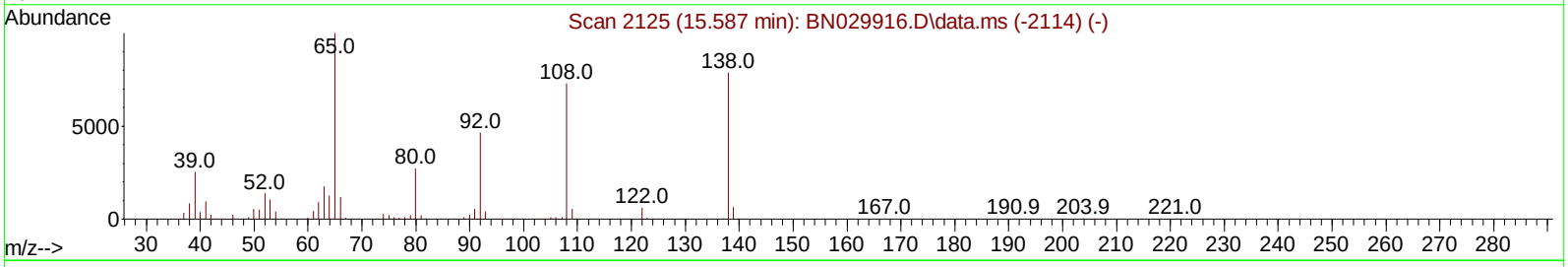

TIC: BN029936.D\data.ms

(63) 4-Nitroaniline

15.586min (-0.000) 49.77 ng/ul m

response 255007

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.30	57.86
108.00	88.60	91.53
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	158816	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	665105	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	357651	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	733501	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	656722	20.000	ng/ul	0.00
88) Perylene-d12	23.821	264	712998	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	34165	7.076	ng/uL	0.00
4) Pyridine-d5	3.722	84	472945	36.729	ng/ul	0.00
7) Phenol-d5	7.028	99	556146	37.438	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	364079	36.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	434553	40.369	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	426204	38.471	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	208096	40.312	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	211458	47.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	387140	43.627	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	522765	34.531	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1068716	40.136	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1271219	40.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	201691	39.908	ng/ul	0.00
60) Fluorene-d10	15.498	176	914972	40.392	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	155162	43.414	ng/ul	0.00
73) Anthracene-d10	17.351	188	1341332	39.019	ng/ul	0.00
81) Pyrene-d10	19.651	212	1546713	39.246	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1475108	41.346	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	71151	14.227	ng/uL#	95
5) Pyridine	3.740	79	483038	36.260	ng/ul	99
6) Benzaldehyde	7.004	77	294871	44.283	ng/ul	98
8) Phenol	7.051	94	588711	38.669	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	479893	37.486	ng/ul	98
12) 2-Chlorophenol	7.416	128	460398	40.765	ng/ul	99
13) 2-Methylphenol	8.304	108	418788	38.119	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	622879	37.254	ng/ul	99
16) Acetophenone	8.687	105	699200	39.655	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	371166	40.773	ng/ul	97
18) 4-Methylphenol	8.634	108	452477	38.976	ng/ul	100
19) Hexachloroethane	8.922	117	201099	38.370	ng/ul	95
22) Nitrobenzene	9.069	77	571806	39.095	ng/ul	99
23) Isophorone	9.593	82	987188	38.749	ng/ul	99
25) 2-Nitrophenol	9.775	139	236636	46.093	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	358742	29.156	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	614018	37.924	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	379367	41.373	ng/ul	98
30) Naphthalene	10.704	128	1449170	38.119	ng/ul	99
32) 4-Chloroaniline	10.828	127	435805	29.161	ng/ul	99
33) Hexachlorobutadiene	10.975	225	229486	40.552	ng/ul	94
34) Caprolactam	11.610	113	126456m	41.444	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	452179	42.694	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	920325	39.492	ng/ul	99
37) 1-Methylnaphthalene	12.539	142	904463	39.147	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	414739	39.121	ng/ul	97
40) Hexachlorocyclopentadiene	12.657	237	204779	29.552	ng/ul	96
41) 2,4,6-Trichlorophenol	12.934	196	265730	43.488	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	292735	42.636	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	1158334	38.403	ng/ul	100
44) 2-Chloronaphthalene	13.375	162	901601	38.461	ng/ul	99
45) 2-Nitroaniline	13.592	65	308004	44.690	ng/ul	94
47) Dimethylphthalate	13.975	163	1112210	40.804	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	218309	44.760	ng/ul	99
50) Acenaphthylene	14.222	152	1488831	39.231	ng/ul	99
51) 3-Nitroaniline	14.422	138	238695	42.049	ng/ul	99
52) Acenaphthene	14.563	153	972948	38.810	ng/ul	97
53) 2,4-Dinitrophenol	14.628	184	100570	40.631	ng/ul	98
55) 4-Nitrophenol	14.728	109	188849	40.866	ng/ul	98
56) Dibenzofuran	14.904	168	1305730	39.443	ng/ul	100
57) 2,4-Dinitrotoluene	14.881	165	325066	47.338	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.128	232	220912	45.335	ng/ul	95
59) Diethylphthalate	15.339	149	1173083	41.898	ng/ul	99
61) Fluorene	15.551	166	1063068	40.626	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	491377	41.985	ng/ul	95
63) 4-Nitroaniline	15.586	138	255007m	49.773	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	168842	42.850	ng/ul	95
67) N-Nitrosodiphenylamine	15.769	169	903869	39.544	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	300463	43.278	ng/ul	88
69) Hexachlorobenzene	16.551	284	330715	42.262	ng/ul	91
70) Atrazine	16.733	200	190751	26.711	ng/ul	97
71) Pentachlorophenol	16.898	266	191980	42.244	ng/ul	99
72) Phenanthrene	17.298	178	1697791	40.014	ng/ul	99
74) Anthracene	17.386	178	1691404	39.721	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.292	216	407390	37.849	ng/uL	95
76) Pentachlorobenzene	14.816	250	384747	39.920	ng/uL	96
77) Carbazole	17.669	167	1585842	40.774	ng/ul	98
78) Di-n-butylphthalate	18.239	149	2097578	44.849	ng/ul	100
80) Fluoranthene	19.321	202	1917389	40.051	ng/ul	97
82) Pyrene	19.686	202	1967866	38.856	ng/ul	93
83) Butylbenzylphthalate	20.604	149	948748	45.965	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.386	252	497505	39.112	ng/ul	99
85) Benzo(a)anthracene	21.445	228	1913934	39.673	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1465370	45.897	ng/ul	99
87) Chrysene	21.492	228	1762029	38.973	ng/ul	98
89) Di-n-octyl phthalate	22.315	149	2470507	44.701	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1847739	41.143	ng/ul	98
91) Benzo(k)fluoranthene	23.151	252	1912394	41.604	ng/ul	97
93) Benzo(a)pyrene	23.721	252	1748022	40.587	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.262	276	1984841	37.846	ng/ul	100
95) Dibenzo(a,h)anthracene	26.298	278	1667899	38.955	ng/ul	96
96) Benzo(g,h,i)perylene	27.015	276	1670303	38.079	ng/ul	95

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

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