Quantitation Report (Qedit)

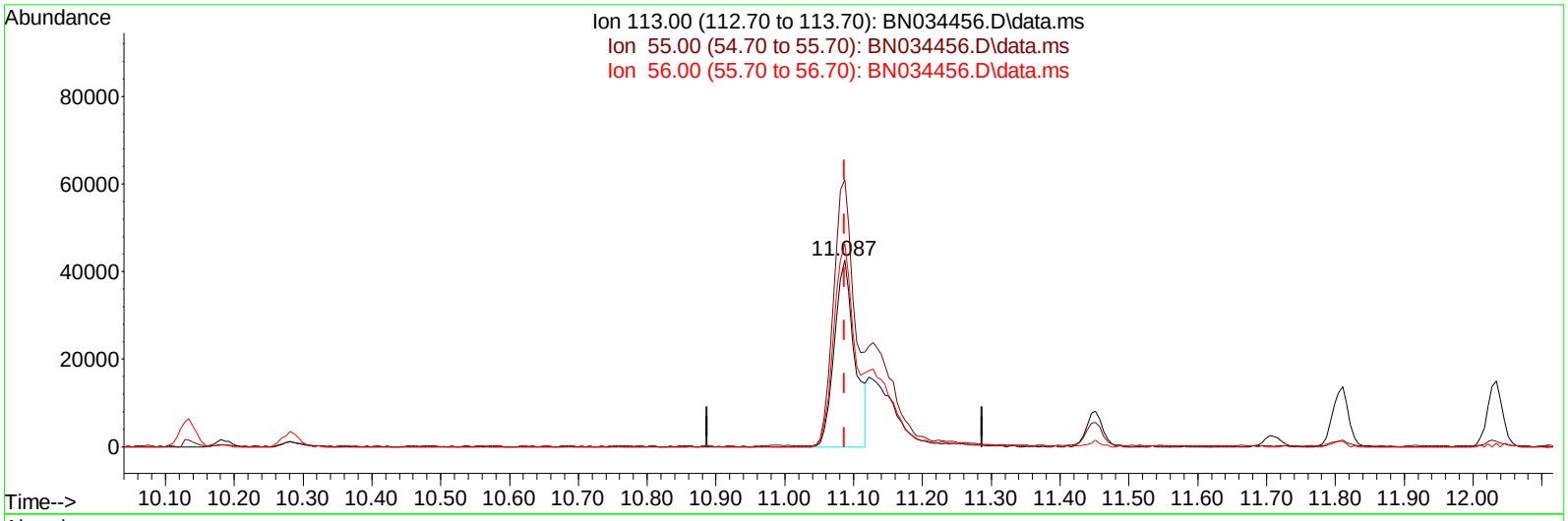
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034456.D
Acq On : 08 Oct 2024 02:47
Operator : RC/JU
Sample : PB163680BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

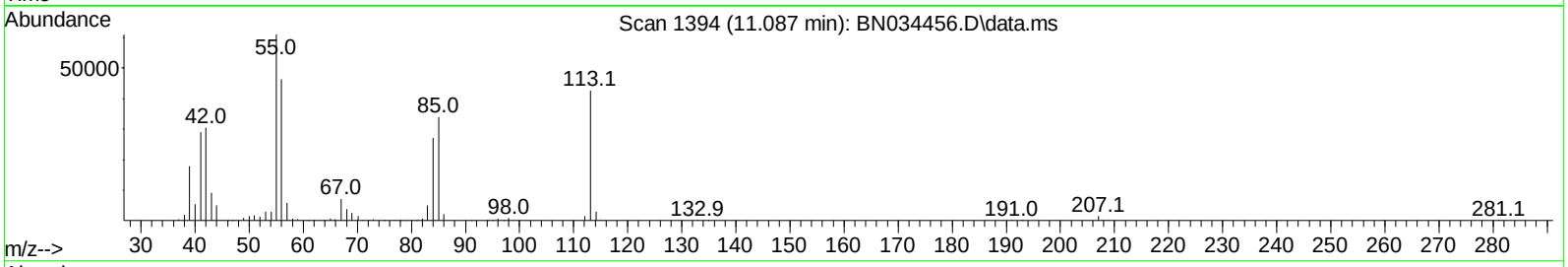
Quant Time: Oct 08 03:56:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

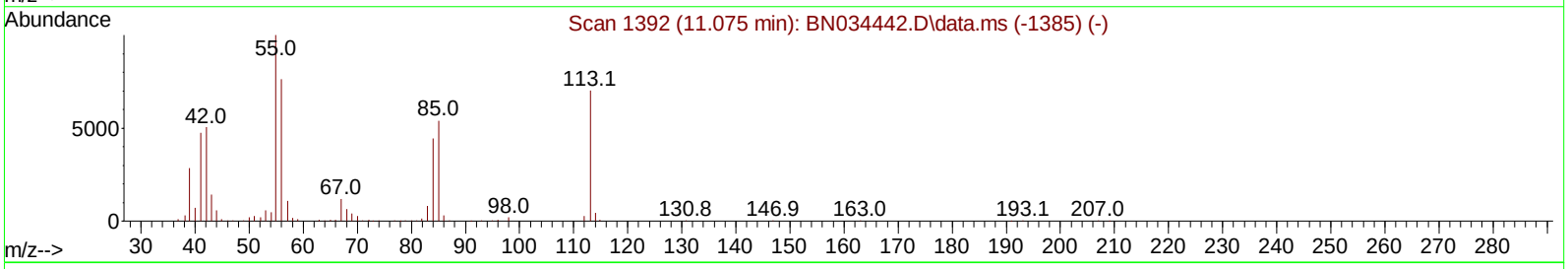
Instrument :
BNA_N
ClientSampleId :
SLCS680

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024







TIC: BN034456.D\data.ms

(34) Caprolactam

11.087min (-0.000) 14.36 ng/ul

response 87220

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	143.02
56.00	124.60	108.71
0.00	0.00	0.00

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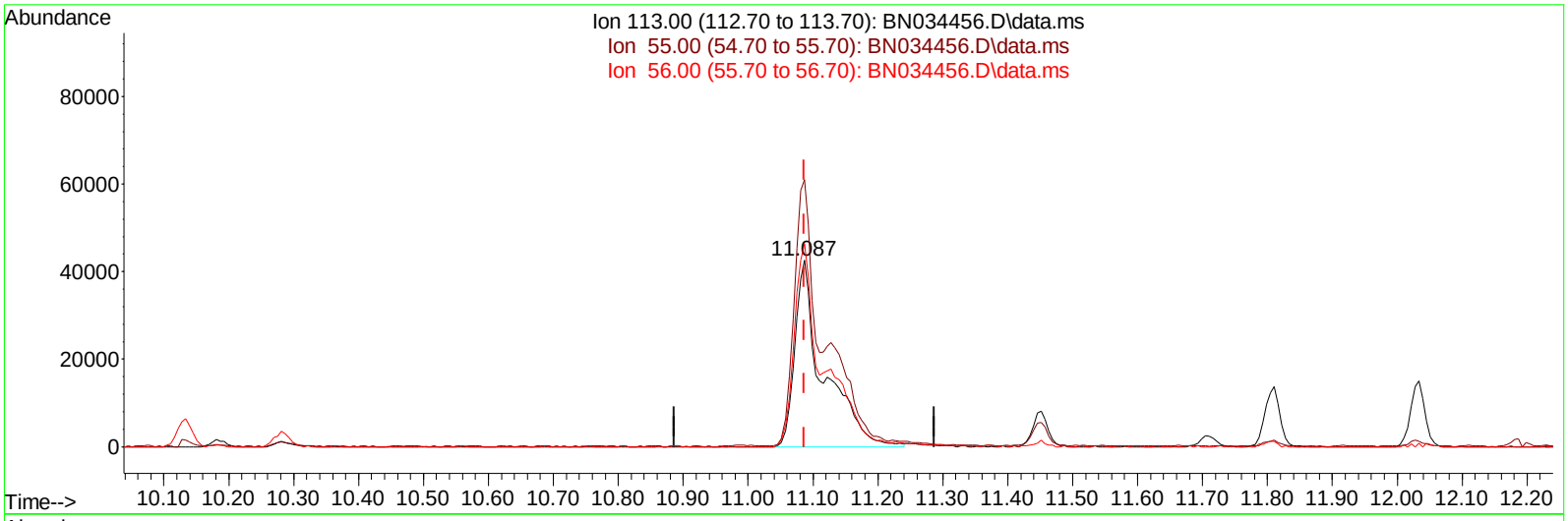

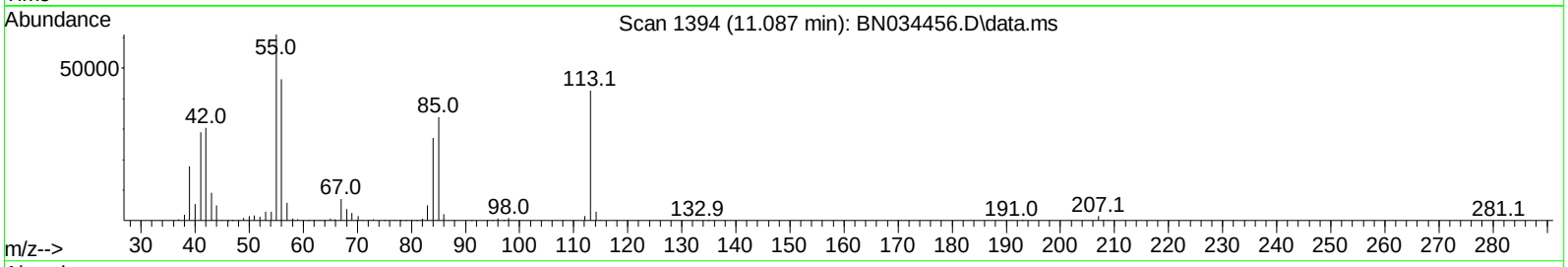

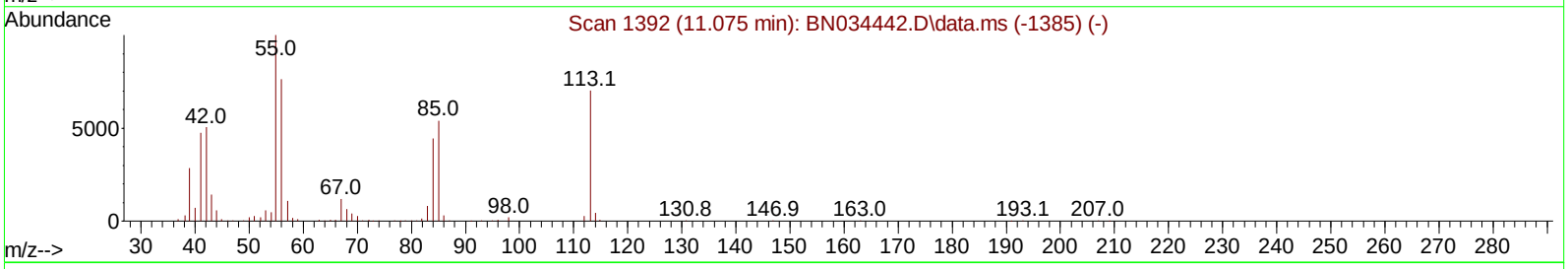

TIC: BN034456.D\data.ms

(34) Caprolactam

11.087min (-0.000) 21.53 ng/ul m

response 130718

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	143.02
56.00	124.60	108.71
0.00	0.00	0.00

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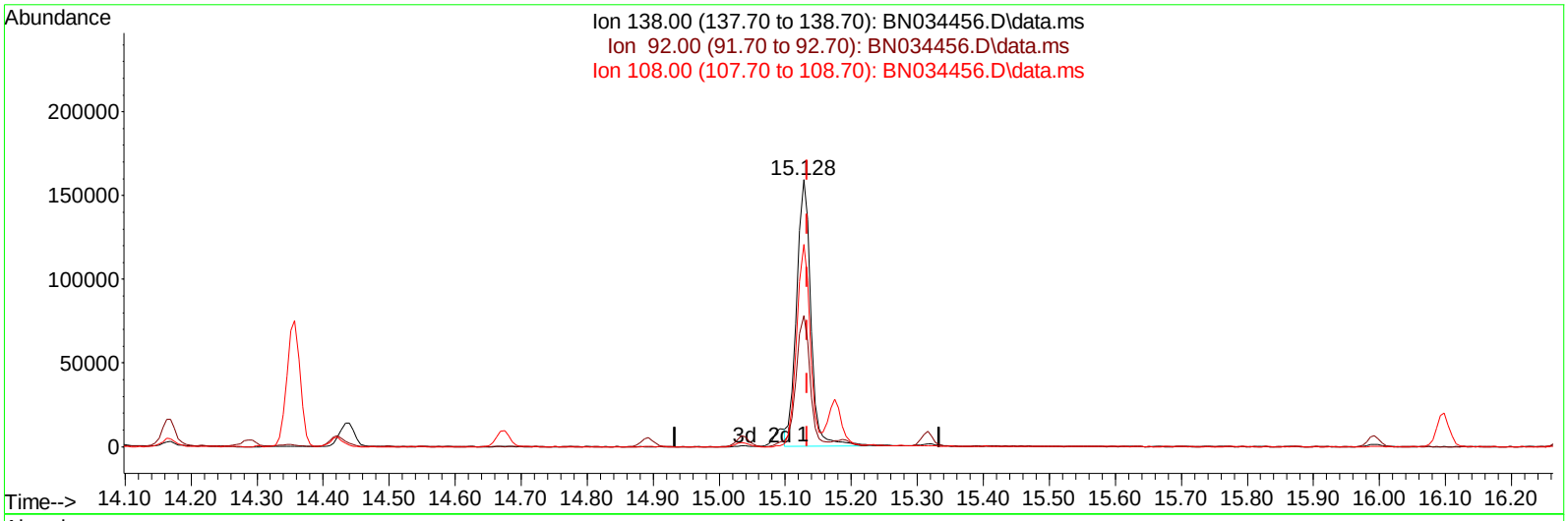

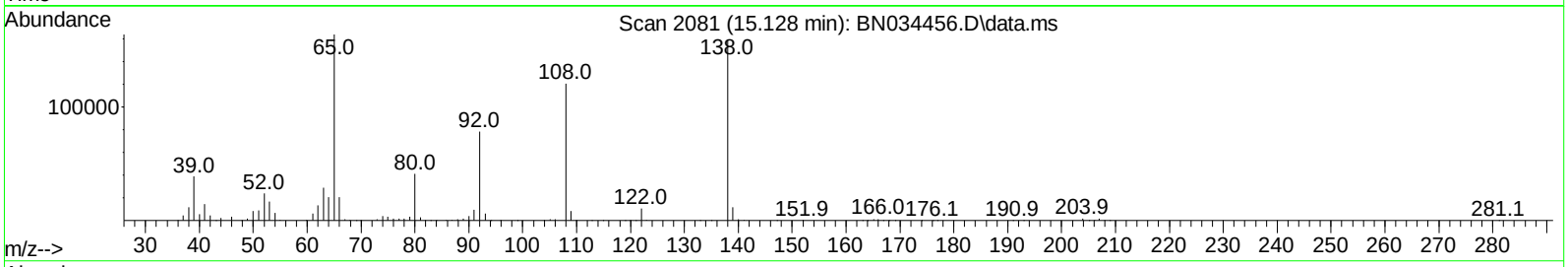

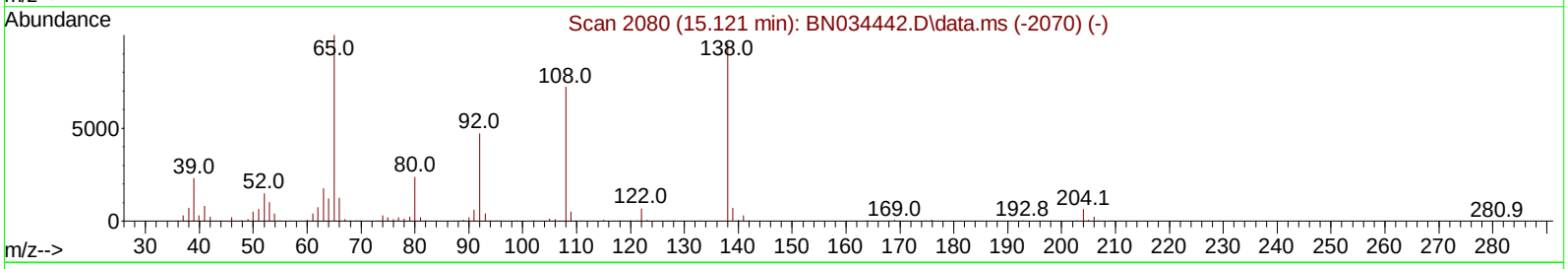

TIC: BN034456.D\data.ms

(63) 4-Nitroaniline

15.128min (-0.006) 24.09 ng/ul

response 238567

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	49.22
108.00	83.70	75.90
0.00	0.00	0.00

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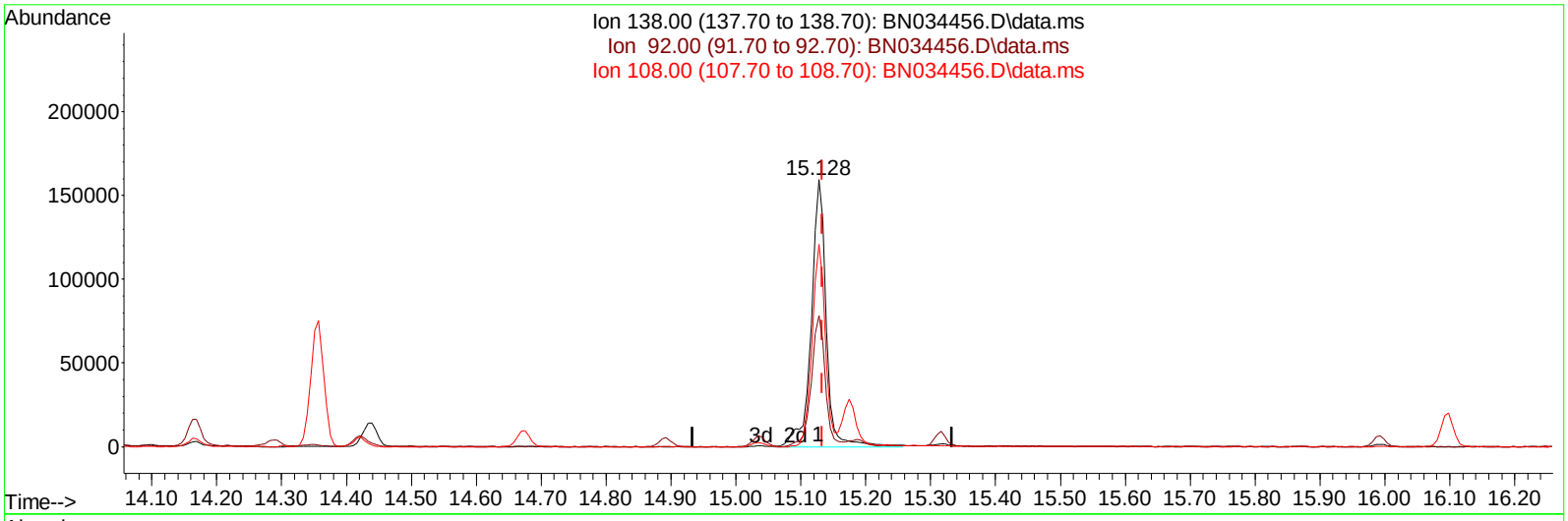

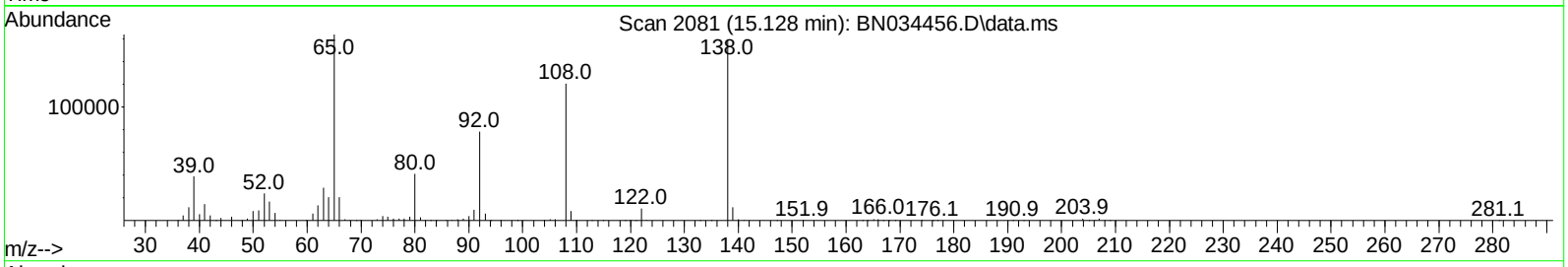

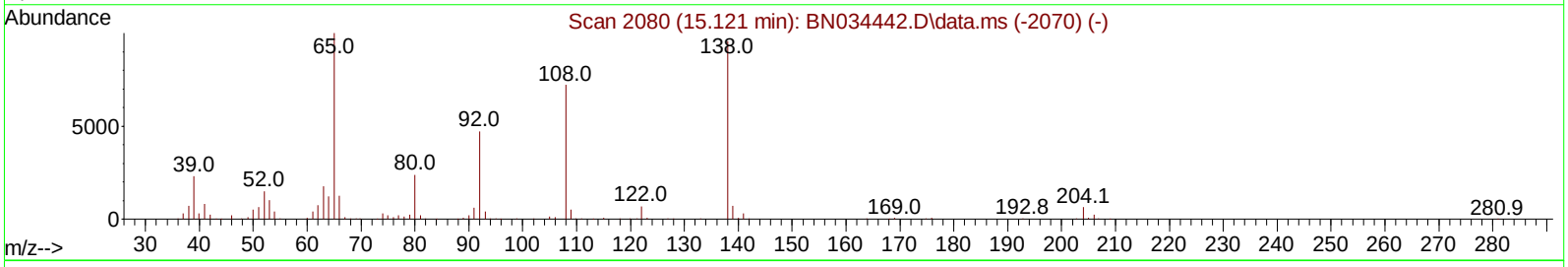

TIC: BN034456.D\data.ms

(63) 4-Nitroaniline

15.128min (-0.006) 25.80 ng/ul m

response 255502

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	49.22
108.00	83.70	75.90
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	249727	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	975835	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	580702	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	1095370	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	966010	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1178271	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	30712	5.018	ng/uL	0.00
4) Pyridine-d5	3.381	84	401080	22.049	ng/ul	0.00
7) Phenol-d5	6.581	99	541687	24.441	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	325400	23.663	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	482183	27.639	ng/ul	-0.01
15) 4-Methylphenol-d8	8.099	113	438466	24.043	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	228958	29.437	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	257459	32.190	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	446552	29.646	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	568440	24.927	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	1204628	27.758	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	1394464	28.562	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.275	143	209450	23.517	ng/ul	0.00
60) Fluorene-d10	15.034	176	999638	27.179	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	164532	25.192	ng/ul	0.00
73) Anthracene-d10	16.886	188	1431306	27.793	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1589675	29.535	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	1763610	29.139	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	63671	9.863	ng/uL	87
5) Pyridine	3.399	79	391402	21.027	ng/ul	92
6) Benzaldehyde	6.540	77	272444	23.288	ng/ul	92
8) Phenol	6.611	94	536695	23.258	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.828	93	441194	24.600	ng/ul	93
12) 2-Chlorophenol	6.952	128	468256	26.191	ng/ul	94
13) 2-Methylphenol	7.834	108	414338	24.024	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.899	45	571955	21.625	ng/ul	96
16) Acetophenone	8.193	105	632437	21.892	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.187	70	308460	21.563	ng/ul	93
18) 4-Methylphenol	8.163	108	435626	22.695	ng/ul	100
19) Hexachloroethane	8.428	117	201737	26.753	ng/ul	96
22) Nitrobenzene	8.563	77	476904	24.497	ng/ul	91
23) Isophorone	9.087	82	887559	24.723	ng/ul	96
25) 2-Nitrophenol	9.269	139	264110	29.505	ng/ul	89
26) 2,4-Dimethylphenol	9.346	107	381449	20.713	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.575	93	569457	25.780	ng/ul	97
29) 2,4-Dichlorophenol	9.799	162	425048	27.869	ng/ul	96
30) Naphthalene	10.181	128	1417060	26.548	ng/ul	100
32) 4-Chloroaniline	10.304	127	465332	20.707	ng/ul	99
33) Hexachlorobutadiene	10.469	225	287826	29.416	ng/ul	95
34) Caprolactam	11.087	113	130718m	21.527	ng/ul	
35) 4-Chloro-3-methylphenol	11.451	107	428212	23.849	ng/ul	93

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.810	142	951389	25.876	ng/ul	99
37) 1-Methylnaphthalene	12.034	142	939526	25.245	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.187	216	504358	30.085	ng/ul	98
40) Hexachlorocyclopentadiene	12.169	237	190757	18.493	ng/ul	98
41) 2,4,6-Trichlorophenol	12.445	196	324351	29.185	ng/ul	94
42) 2,4,5-Trichlorophenol	12.516	196	356796	29.227	ng/ul	99
43) 1,1'-Biphenyl	12.851	154	1207773	27.587	ng/ul	100
44) 2-Chloronaphthalene	12.887	162	941375	27.602	ng/ul	98
45) 2-Nitroaniline	13.110	65	259878	23.580	ng/ul	93
47) Dimethylphthalate	13.510	163	1168445	26.417	ng/ul	100
48) 2,6-Dinitrotoluene	13.628	165	250975	28.817	ng/ul	87
50) Acenaphthylene	13.745	152	1447457	27.094	ng/ul	99
51) 3-Nitroaniline	13.951	138	248890	25.859	ng/ul	91
52) Acenaphthene	14.098	153	994318	26.070	ng/ul	99
53) 2,4-Dinitrophenol	14.169	184	102933	20.093	ng/ul#	81
55) 4-Nitrophenol	14.287	109	149384	19.750	ng/ul	89
56) Dibenzofuran	14.440	168	1359833	26.072	ng/ul	95
57) 2,4-Dinitrotoluene	14.422	165	351479	26.769	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.675	232	289656	28.594	ng/ul	90
59) Diethylphthalate	14.892	149	1183560	25.607	ng/ul	98
61) Fluorene	15.092	166	1077505	25.255	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.098	204	541751	26.197	ng/ul	98
63) 4-Nitroaniline	15.128	138	255502m	25.797	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.192	198	175131	24.148	ng/ul	92
67) N-Nitrosodiphenylamine	15.316	169	954614	29.083	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	352447	31.686	ng/ul	93
69) Hexachlorobenzene	16.098	284	396964	30.748	ng/ul	95
70) Atrazine	16.286	200	264560	22.246	ng/ul	97
71) Pentachlorophenol	16.451	266	238745	27.766	ng/ul	93
72) Phenanthrene	16.834	178	1656528	27.427	ng/ul	99
74) Anthracene	16.922	178	1637594	26.552	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	495012	32.471	ng/uL	98
76) Pentachlorobenzene	14.357	250	468845	30.205	ng/uL	97
77) Carbazole	17.204	167	1489055	26.233	ng/ul	98
78) Di-n-butylphthalate	17.786	149	2030667	28.142	ng/ul	99
80) Fluoranthene	18.863	202	1874224	29.786	ng/ul	99
82) Pyrene	19.227	202	1919896	28.382	ng/ul	98
83) Butylbenzylphthalate	20.169	149	896239	29.545	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.951	252	609789	28.103	ng/ul	99
85) Benzo(a)anthracene	21.010	228	1857411	26.968	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.969	149	1339833	30.175	ng/ul	96
87) Chrysene	21.069	228	1773452	26.986	ng/ul	100
89) Di-n-octyl phthalate	22.010	149	2350950	29.986	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1949007	27.130	ng/ul	97
91) Benzo(k)fluoranthene	22.945	252	1944305	27.435	ng/ul	99
93) Benzo(a)pyrene	23.610	252	1786680	26.328	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.727	276	2483744	29.539	ng/ul	99
95) Dibenzo(a,h)anthracene	26.780	278	2008192	29.546	ng/ul	97
96) Benzo(g,h,i)perylene	27.662	276	1944891	29.795	ng/ul	99

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

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