Quantitation Report (Qedit)

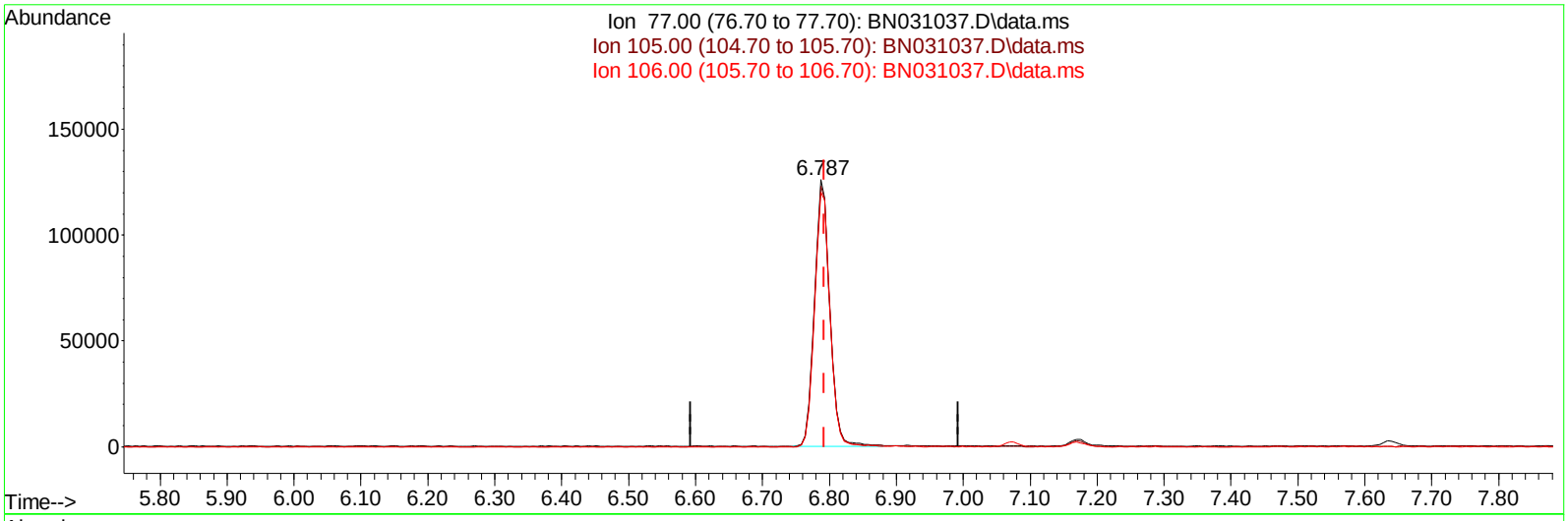
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
Data File : BN031037.D
Acq On : 19 Apr 2024 10:18
Operator : MA/JU
Sample : P2039-07MSD 10X
Misc :
ALS Vial : 73 Sample Multiplier: 1

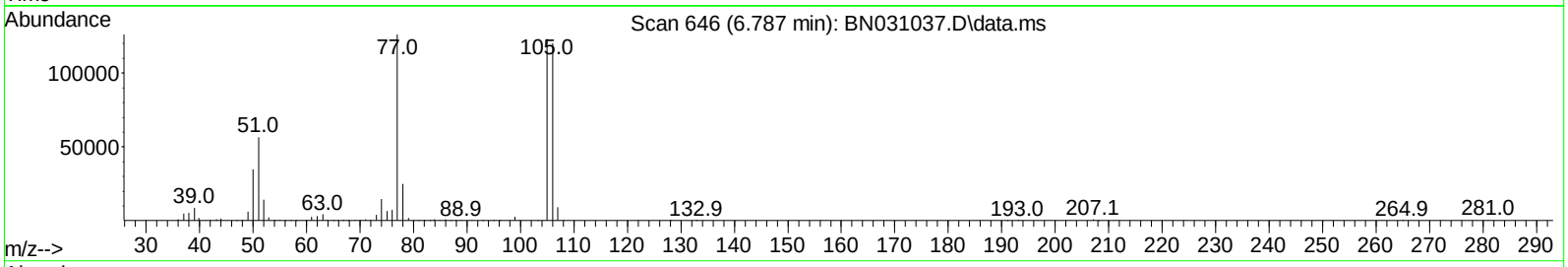
Quant Time: Apr 19 11:01:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

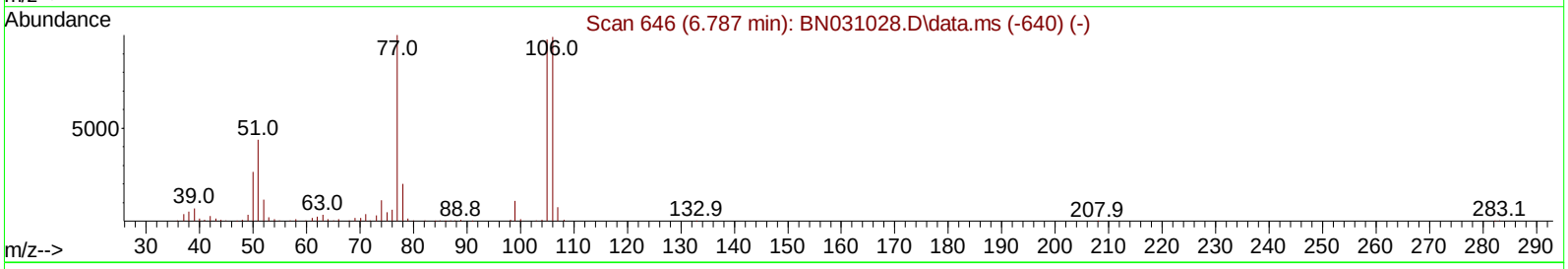
Instrument :
BNA_N
ClientSampleId :
E1CY1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/30/2024







TIC: BN031037.D\data.ms

(6) Benzaldehyde

6.787min (-0.006) 51.10 ng/ul

response 199662

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	97.69
106.00	94.50	95.33
0.00	0.00	0.00

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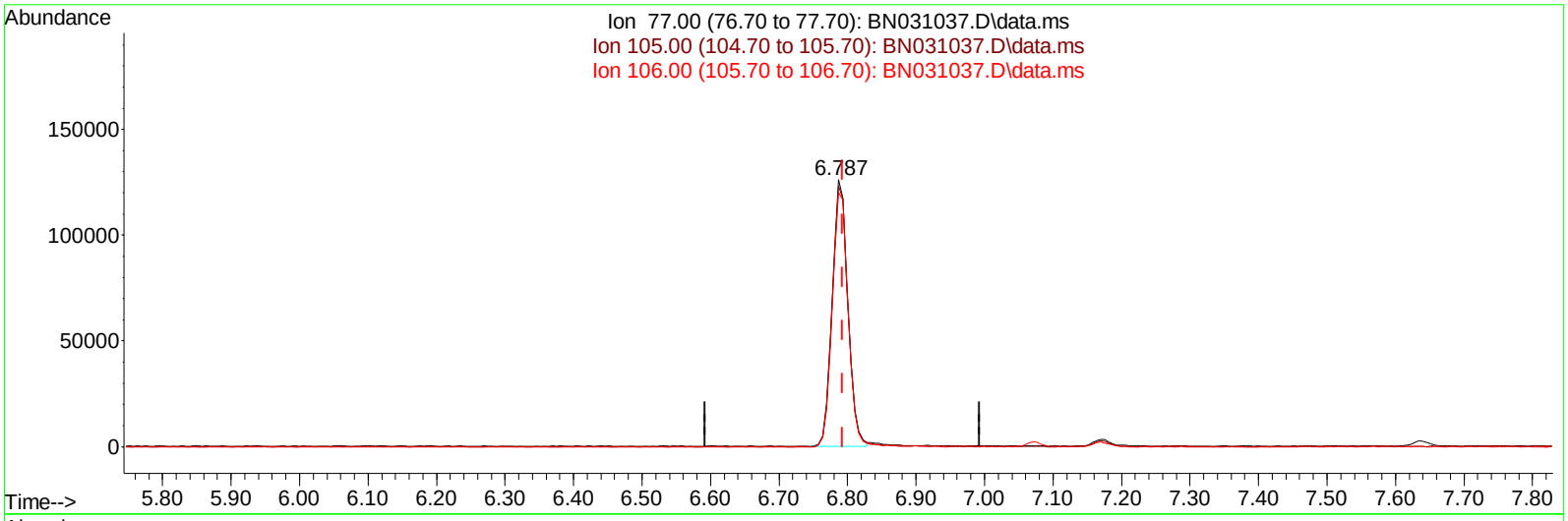

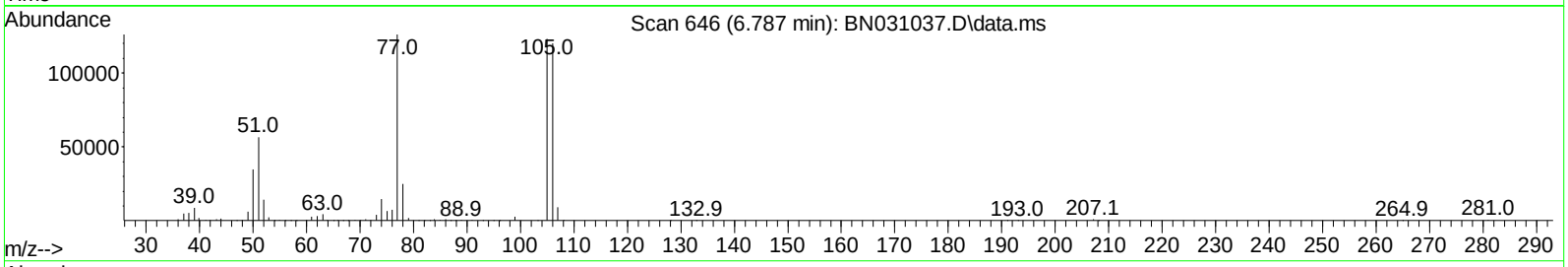

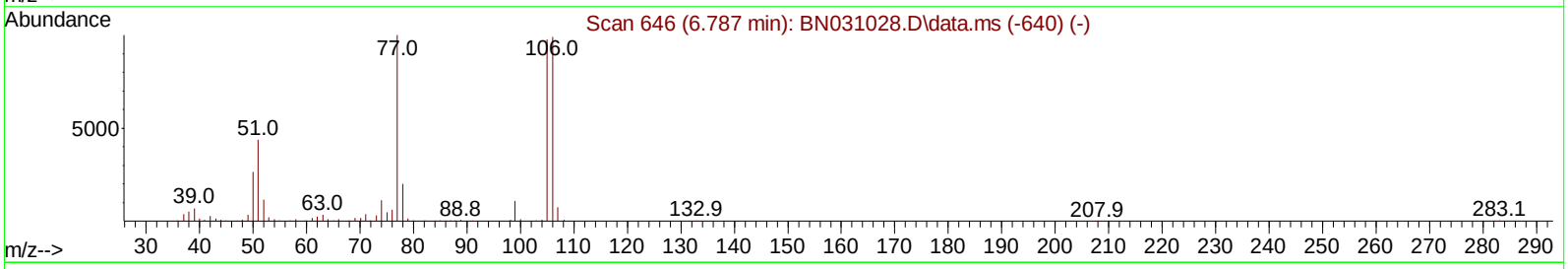

TIC: BN031037.D\data.ms

(6) Benzaldehyde

6.787min (-0.006) 50.48 ng/ul m

response 197266

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	97.69
106.00	94.50	95.33
0.00	0.00	0.00

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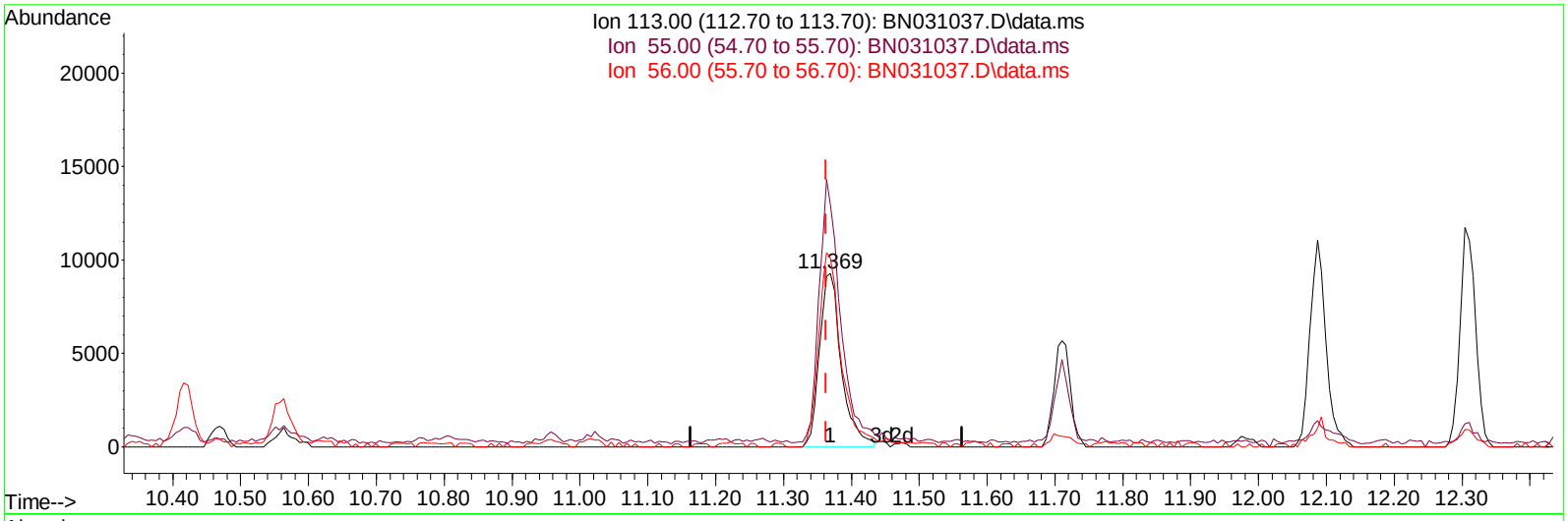

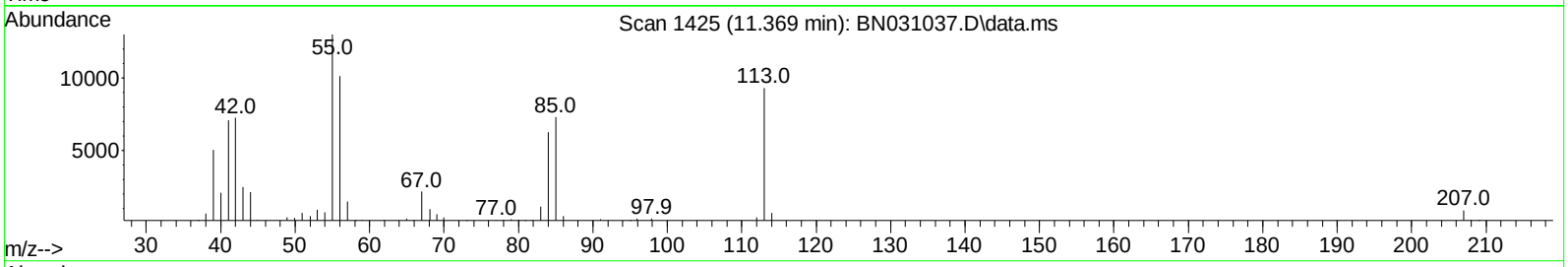

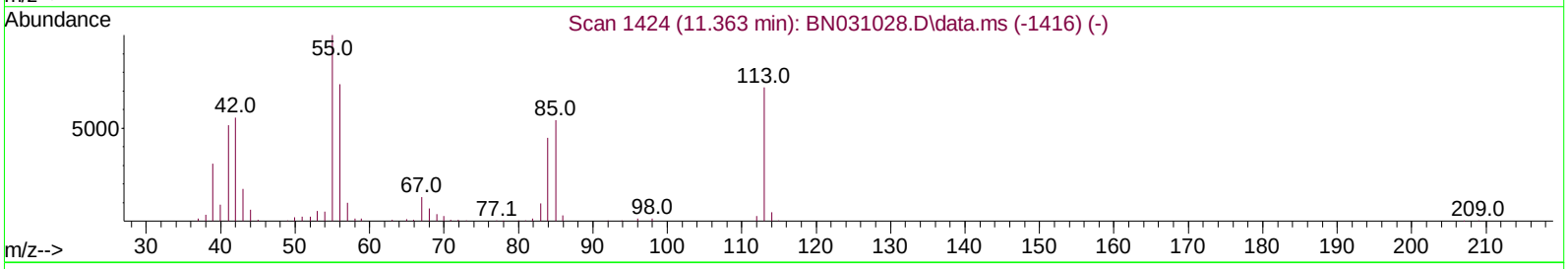

TIC: BN031037.D\data.ms

(34) Caprolactam

11.369min (+ 0.006) 7.61 ng/ul

response 20662

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	139.71
56.00	113.20	108.65
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 73 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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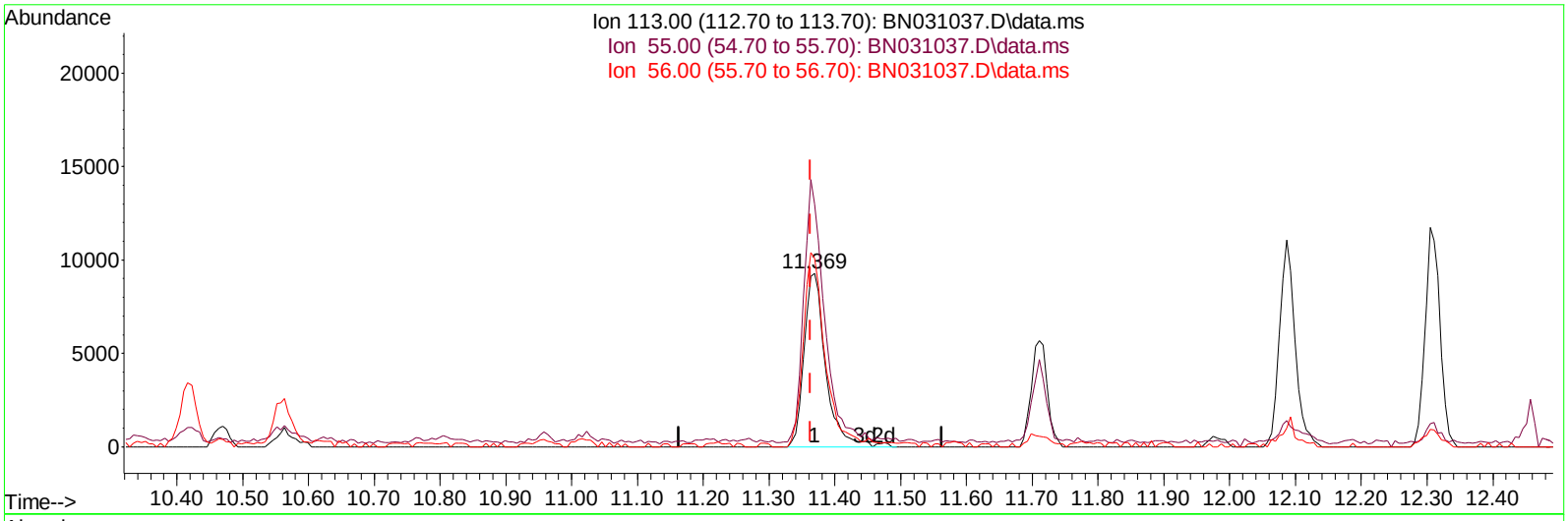

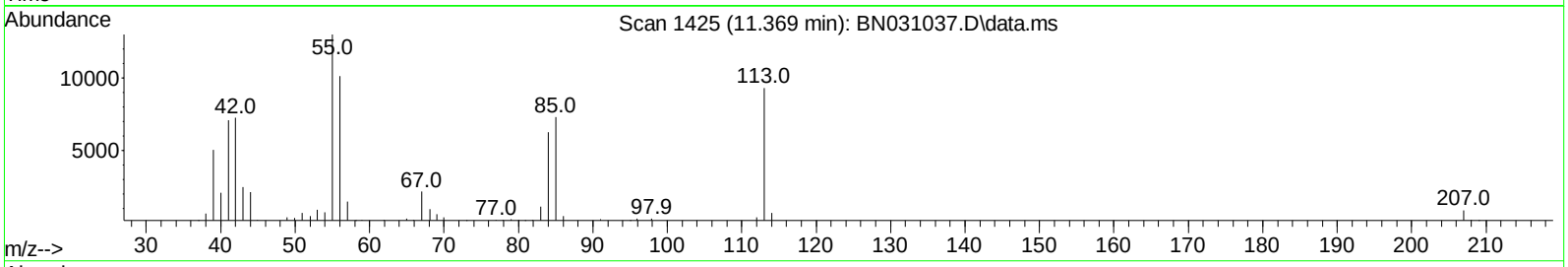

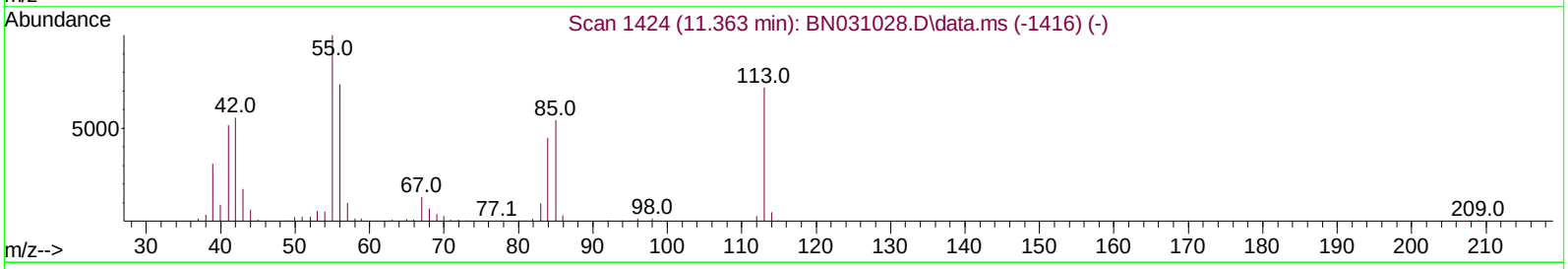

TIC: BN031037.D\data.ms

(34) Caprolactam

11.369min (+ 0.006) 7.80 ng/ul m

response 21179

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	139.71
56.00	113.20	108.65
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 04/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	103724	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	512594	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	368319	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	845698	20.000	ng/ul	0.00
79) Chrysene-d12	21.275	240	940858	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	1249677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	12108	5.473	ng/uL	0.00
4) Pyridine-d5	3.558	84	91594	13.809	ng/ul	0.00
7) Phenol-d5	6.811	99	82649	9.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	204467	39.453	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	221897	34.861	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	159424	22.670	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	152654	42.931	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	158730	48.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	286145	40.181	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	434862	37.092	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	1091114	44.370	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1206053	42.656	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	54907	11.673	ng/ul	0.00
60) Fluorene-d10	15.281	176	946629	43.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	186118	49.859	ng/ul	0.00
73) Anthracene-d10	17.134	188	1578981	43.333	ng/ul	0.00
81) Pyrene-d10	19.439	212	2001240	39.562	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2528421	43.910	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	12688	5.354	ng/uL#	1
5) Pyridine	3.575	79	97241	14.528	ng/ul	96
6) Benzaldehyde	6.787	77	197266m	50.484	ng/ul	
8) Phenol	6.840	94	90544	10.358	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.075	93	273908	38.427	ng/ul	96
12) 2-Chlorophenol	7.205	128	226144	33.119	ng/ul	97
13) 2-Methylphenol	8.081	108	175617	26.072	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	352015	35.072	ng/ul	98
16) Acetophenone	8.458	105	471379	42.455	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	231303	41.362	ng/ul	98
18) 4-Methylphenol	8.405	108	170659	22.632	ng/ul	100
19) Hexachloroethane	8.705	117	98833	34.523	ng/ul	98
22) Nitrobenzene	8.834	77	330536	38.079	ng/ul	99
23) Isophorone	9.358	82	700431	40.462	ng/ul	99
25) 2-Nitrophenol	9.540	139	168993	44.204	ng/ul	98
26) 2,4-Dimethylphenol	9.605	107	246409	28.999	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.840	93	403790	36.687	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	272236	37.452	ng/ul	97
30) Naphthalene	10.469	128	971048	36.936	ng/ul	100
32) 4-Chloroaniline	10.587	127	397607	35.190	ng/ul	97
33) Hexachlorobutadiene	10.746	225	155628	34.014	ng/ul	98
34) Caprolactam	11.369	113	21179m	7.799	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	310745	37.956	ng/ul	98

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ClientSampleId :
E1CY1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.087	142	723953	39.431	ng/ul	100
37) 1-Methylnaphthalene	12.310	142	741476	39.783	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	376140	39.572	ng/ul	98
40) Hexachlorocyclopentadiene	12.434	237	151864	28.133	ng/ul	94
41) 2,4,6-Trichlorophenol	12.704	196	258631	43.543	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	293468	43.749	ng/ul	96
43) 1,1'-Biphenyl	13.116	154	984896	39.232	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	766240	38.772	ng/ul	99
45) 2-Nitroaniline	13.369	65	254200	48.334	ng/ul	98
47) Dimethylphthalate	13.751	163	1058985	41.688	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	224175	47.598	ng/ul	98
50) Acenaphthylene	14.004	152	1334697	40.856	ng/ul	99
51) 3-Nitroaniline	14.198	138	250504	50.111	ng/ul	100
52) Acenaphthene	14.351	153	868304	39.885	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	120441	55.677	ng/ul	91
55) 4-Nitrophenol	14.510	109	45014	12.079	ng/ul	96
56) Dibenzofuran	14.687	168	1232777	40.737	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	341456	49.658	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	266430	47.824	ng/ul	96
59) Diethylphthalate	15.122	149	1150461	44.580	ng/ul	99
61) Fluorene	15.340	166	1029938	42.818	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.340	204	484632	41.067	ng/ul	98
63) 4-Nitroaniline	15.369	138	284451	58.529	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.422	198	198132	49.398	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	946209	41.084	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	330474	41.152	ng/ul	93
69) Hexachlorobenzene	16.334	284	378169	39.992	ng/ul	96
70) Atrazine	16.510	200	354837	44.450	ng/ul	100
71) Pentachlorophenol	16.687	266	251025	45.024	ng/ul	97
72) Phenanthrene	17.081	178	1778022	40.921	ng/ul	99
74) Anthracene	17.169	178	1795525	40.878	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	381181	36.688	ng/uL	95
76) Pentachlorobenzene	14.604	250	408894	38.746	ng/uL	96
77) Carbazole	17.445	167	1791669	46.513	ng/ul	98
78) Di-n-butylphthalate	18.010	149	2224222	47.332	ng/ul	100
80) Fluoranthene	19.098	202	2245208	37.338	ng/ul	97
82) Pyrene	19.469	202	2409325	37.939	ng/ul	98
83) Butylbenzylphthalate	20.375	149	1144100	47.175	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.186	252	842673	48.744	ng/ul	99
85) Benzo(a)anthracene	21.257	228	2638780	42.025	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1659011	46.386	ng/ul	100
87) Chrysene	21.316	228	2523177	42.573	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3296329	41.653	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2979439	40.512	ng/ul	100
91) Benzo(k)fluoranthene	23.322	252	2925349	39.167	ng/ul	98
93) Benzo(a)pyrene	24.039	252	2626290	37.802	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.439	276	3716697	49.490	ng/ul	99
95) Dibenzo(a,h)anthracene	27.498	278	3022128	47.801	ng/ul	99
96) Benzo(g,h,i)perylene	28.451	276	2862573	48.552	ng/ul	99

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

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