Quantitation Report (Qedit)

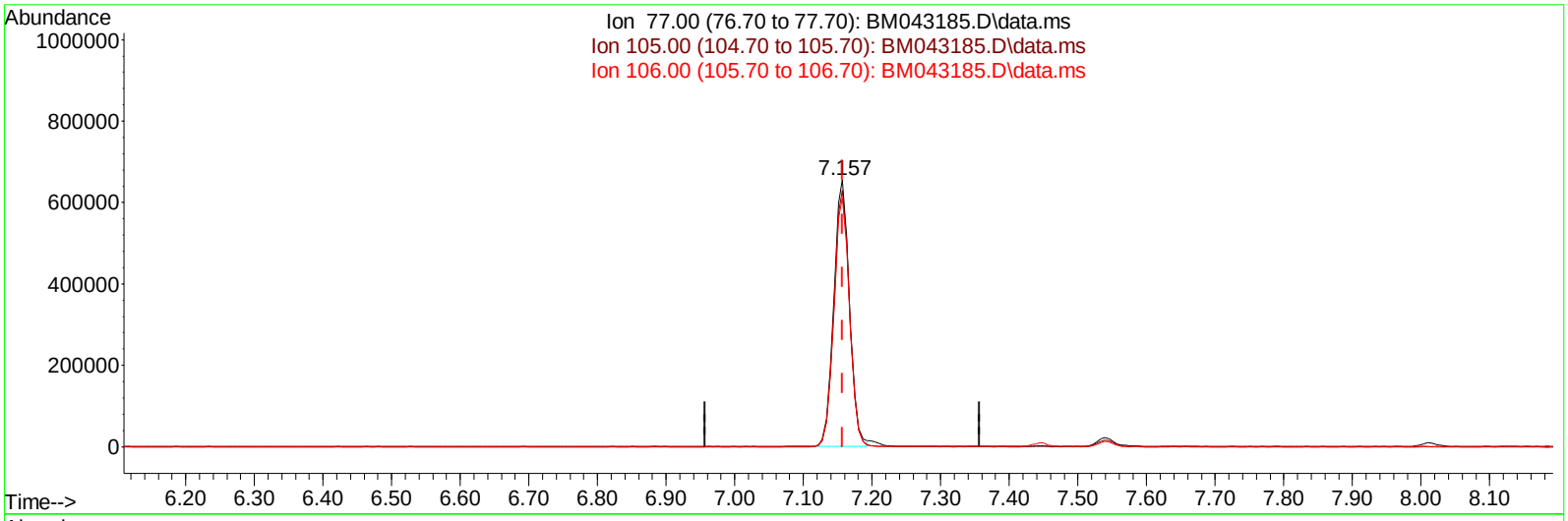
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120723\
Data File : BM043185.D
Acq On : 07 Dec 2023 17:30
Operator : MA/JU
Sample : SSTD04072
Misc :
ALS Vial : 5 Sample Multiplier: 1

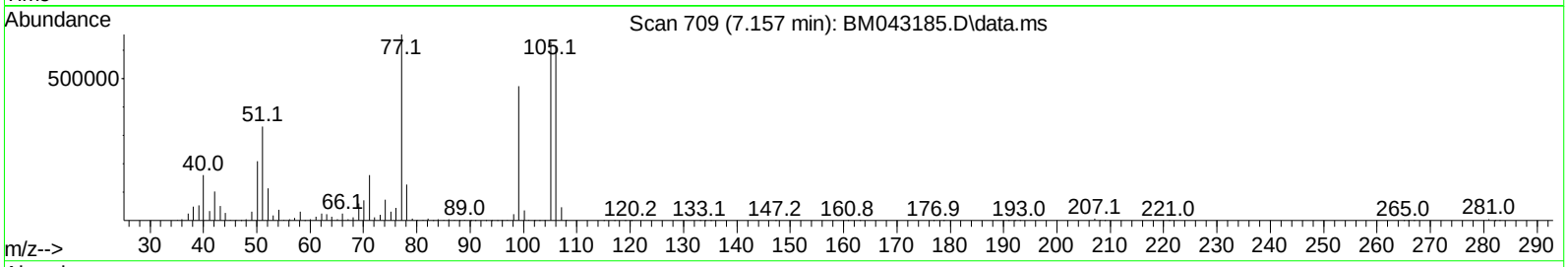
Quant Time: Dec 08 00:04:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:03:45 2023
Response via : Initial Calibration

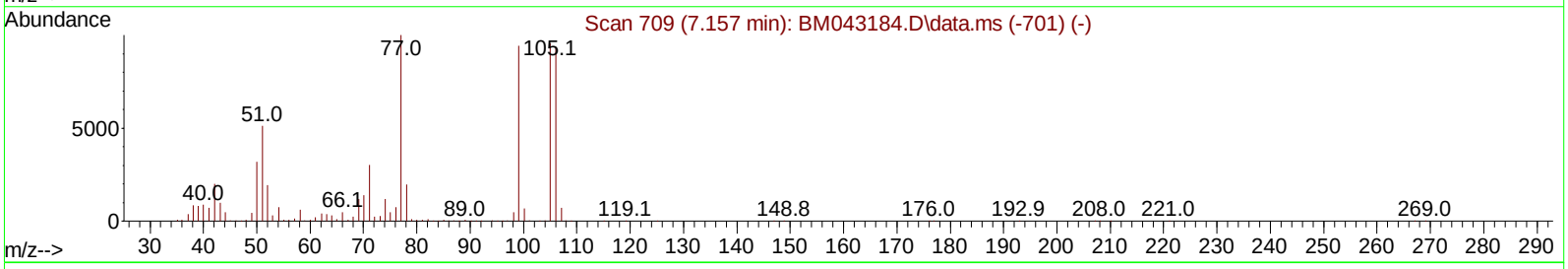
Instrument :
BNA_M
ClientSampleId :
SSTD040037

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BM043185.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 43.42 ng/ul

response 1037209

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	96.00
106.00	93.30	93.36
0.00	0.00	0.00

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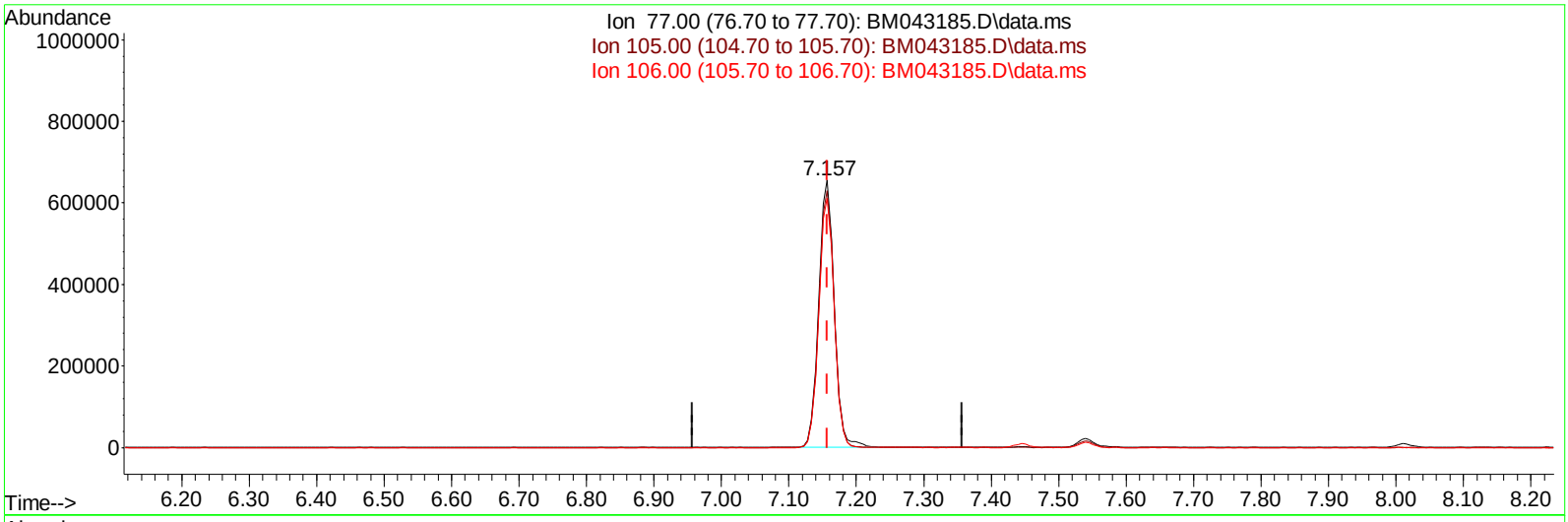

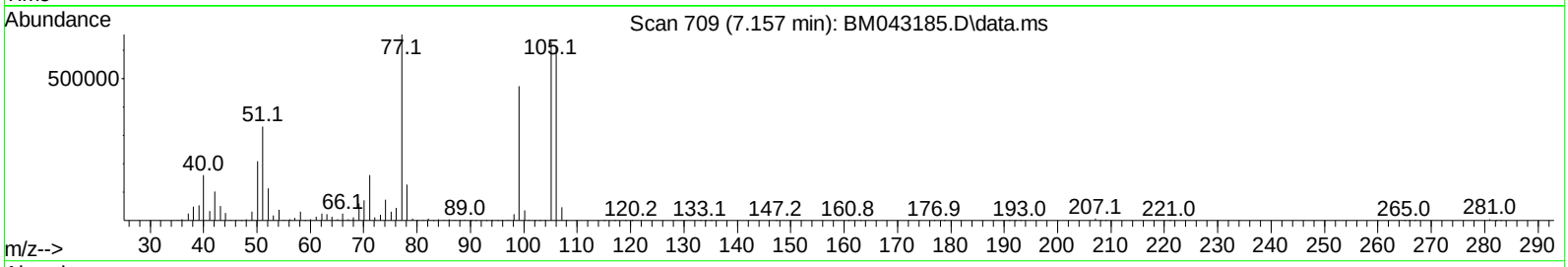

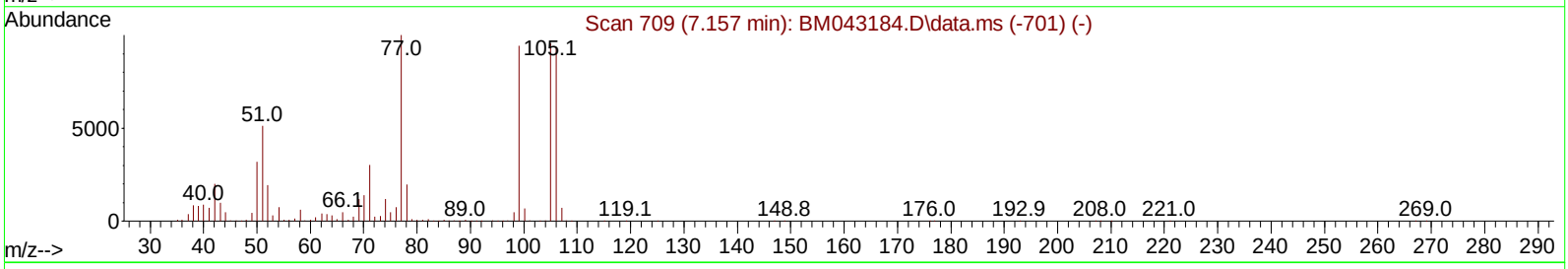

TIC: BM043185.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 44.13 ng/ul m

response 1054392

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	96.00
106.00	93.30	93.36
0.00	0.00	0.00

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Data File : BM043185.D
Acq On : 07 Dec 2023 17:30
Operator : MA/JU
Sample : SSTD04072
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 00:26:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:03:45 2023
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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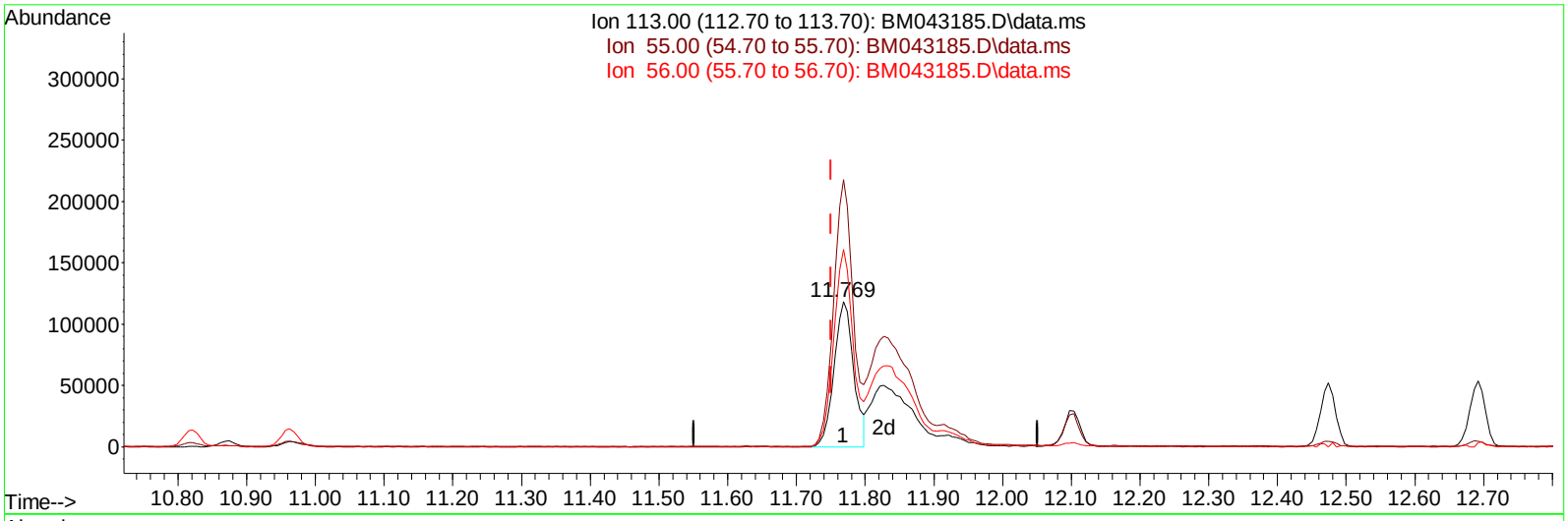

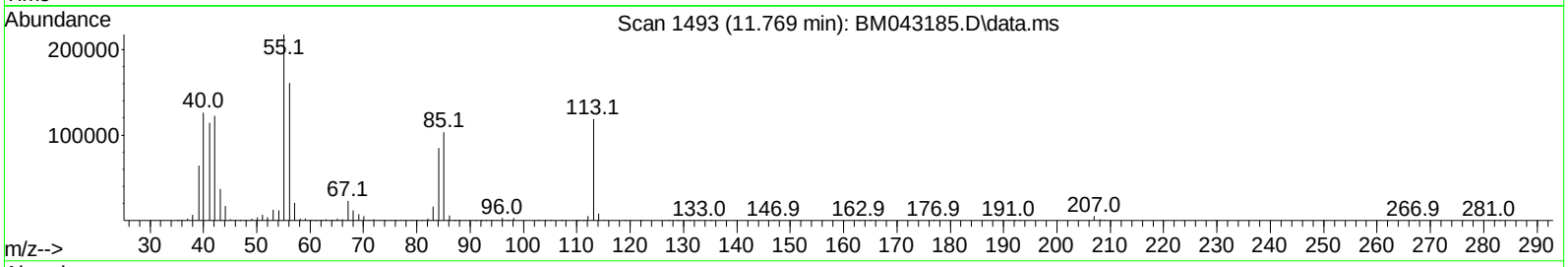

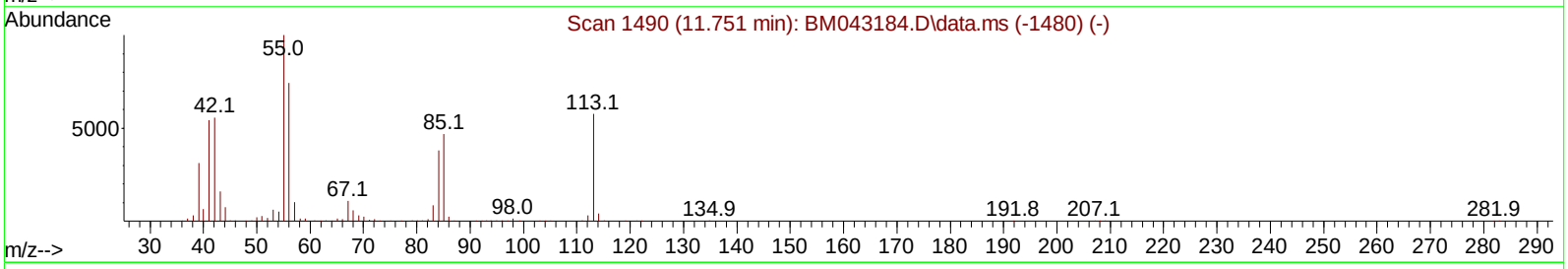

TIC: BM043185.D\data.ms

(34) Caprolactam

11.769min (+ 0.018) 22.39 ng/ul

response 235658

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	183.61
56.00	129.40	135.76
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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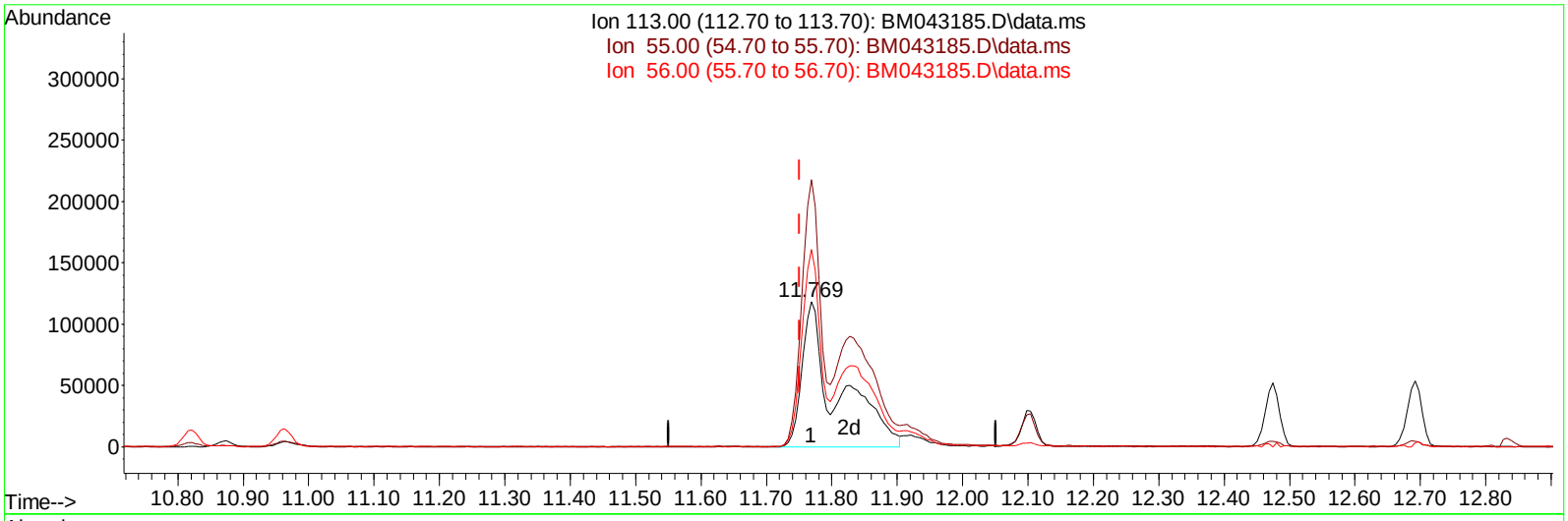

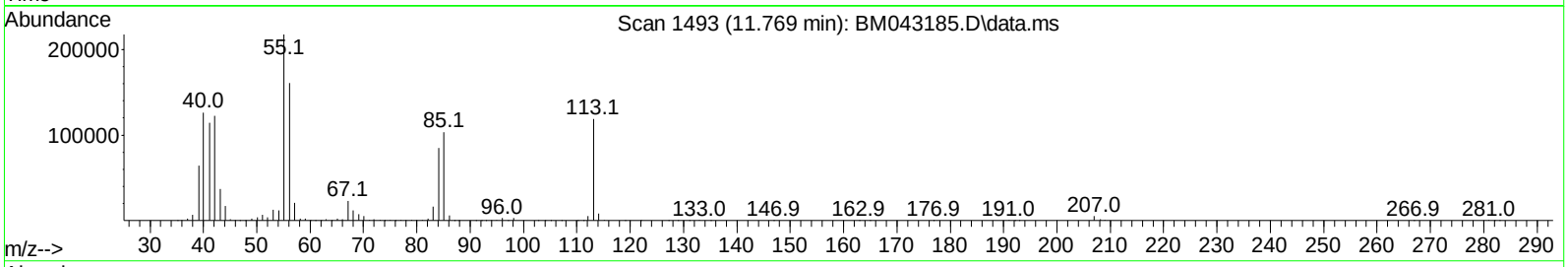

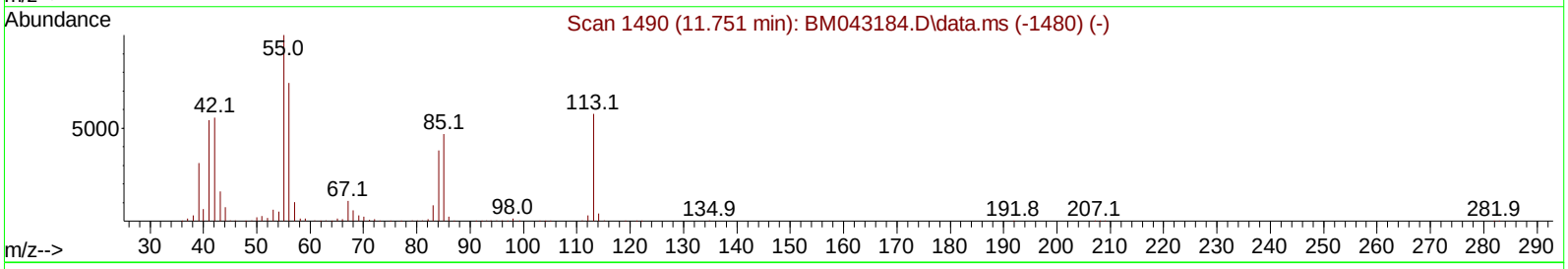

TIC: BM043185.D\data.ms

(34) Caprolactam

11.769min (+ 0.018) 41.61 ng/ul m

response 437932

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	183.61
56.00	129.40	135.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	434513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1967811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1290613	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	2768193	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	2660698	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	2684467	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	176557	15.949	ng/uL	0.00
4) Pyridine-d5	3.816	84	1404768	43.485	ng/ul	0.00
7) Phenol-d5	7.169	99	1824595	43.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	1139878	42.969	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	1395970	42.449	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	1468138	43.804	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	728500	43.434	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	745083	46.068	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	1554105	43.110	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	2230039	42.952	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	4747021	41.959	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	5521030	42.181	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	877837	44.399	ng/ul	0.01
60) Fluorene-d10	15.627	176	4134195	41.921	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	635818	46.418	ng/ul	0.00
73) Anthracene-d10	17.474	188	6362827	42.487	ng/ul	0.00
81) Pyrene-d10	19.756	212	7271892	42.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	6753293	43.113	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	195133	16.046	ng/uL	99
5) Pyridine	3.840	79	1439341	43.241	ng/ul	99
6) Benzaldehyde	7.157	77	1054392m	44.135	ng/ul	
8) Phenol	7.198	94	1804563	43.248	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	1460691	42.887	ng/ul	99
12) 2-Chlorophenol	7.575	128	1408260	42.211	ng/ul	99
13) 2-Methylphenol	8.457	108	1415004	43.843	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.545	45	2438099	42.498	ng/ul	100
16) Acetophenone	8.845	105	2364216	43.026	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.839	70	1271383	42.287	ng/ul	98
18) 4-Methylphenol	8.792	108	1542160	43.692	ng/ul	100
19) Hexachloroethane	9.092	117	586132	41.448	ng/ul	99
22) Nitrobenzene	9.227	77	1705968	42.304	ng/ul	99
23) Isophorone	9.757	82	3595922	41.848	ng/ul	99
25) 2-Nitrophenol	9.939	139	796743	44.948	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	1650684	47.496	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.245	93	2079007	41.151	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	1490611	42.602	ng/ul	98
30) Naphthalene	10.874	128	4967133	41.124	ng/ul	99
32) 4-Chloroaniline	10.986	127	2101261	42.890	ng/ul	99
33) Hexachlorobutadiene	11.145	225	895975	41.096	ng/ul	99
34) Caprolactam	11.769	113	437932m	41.605	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1553125	42.273	ng/ul	99

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BNA_M
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SSTD040037

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.474	142	3585043	41.256	ng/ul	100
37) 1-Methylnaphthalene	12.692	142	3635366	41.216	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	1853860	42.457	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	1072090	45.372	ng/ul	100
41) 2,4,6-Trichlorophenol	13.074	196	1200662	44.189	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	1294185	43.763	ng/ul	98
43) 1,1'-Biphenyl	13.480	154	4742633	41.540	ng/ul	99
44) 2-Chloronaphthalene	13.521	162	3699676	41.804	ng/ul	100
45) 2-Nitroaniline	13.727	65	1047946	44.810	ng/ul	99
47) Dimethylphthalate	14.110	163	4647683	41.885	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	911020	44.562	ng/ul	98
50) Acenaphthylene	14.362	152	6247252	42.231	ng/ul	100
51) 3-Nitroaniline	14.551	138	986790	43.840	ng/ul	100
52) Acenaphthene	14.704	153	4068222	41.692	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	383602	46.446	ng/ul	99
55) 4-Nitrophenol	14.851	109	633796	43.695	ng/ul	96
56) Dibenzofuran	15.033	168	5503260	41.288	ng/ul	99
57) 2,4-Dinitrotoluene	15.009	165	1297663	44.455	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	1076255	43.784	ng/ul	96
59) Diethylphthalate	15.468	149	4681753	41.946	ng/ul	99
61) Fluorene	15.680	166	4883744	42.327	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	2397166	42.053	ng/ul	99
63) 4-Nitroaniline	15.715	138	1017874	44.315	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.762	198	703884	46.047	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	3898156	41.992	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	1407910	42.059	ng/ul	96
69) Hexachlorobenzene	16.668	284	1663648	41.885	ng/ul	98
70) Atrazine	16.851	200	1263152	46.150	ng/ul	99
71) Pentachlorophenol	17.015	266	1005524	45.253	ng/ul	98
72) Phenanthrene	17.421	178	7354378	42.605	ng/ul	99
74) Anthracene	17.509	178	7481934	43.028	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	1876478	42.848	ng/uL	99
76) Pentachlorobenzene	14.945	250	1866135	41.931	ng/uL	98
77) Carbazole	17.780	167	6686984	43.738	ng/ul	100
78) Di-n-butylphthalate	18.350	149	8479282	45.639	ng/ul	99
80) Fluoranthene	19.421	202	8587122	43.971	ng/ul	98
82) Pyrene	19.786	202	8848767	43.558	ng/ul	100
83) Butylbenzylphthalate	20.691	149	3670997	45.428	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.462	252	2993117	46.050	ng/ul	99
85) Benzo(a)anthracene	21.527	228	8658419	42.443	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	6004924	47.075	ng/ul	98
87) Chrysene	21.580	228	7784745	42.726	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	9340887	48.043	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	8265945	43.156	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	8139926	42.670	ng/ul	100
93) Benzo(a)pyrene	23.844	252	7588490	42.864	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.450	276	8823612	43.753	ng/ul	98
95) Dibenzo(a,h)anthracene	26.473	278	7331865	43.484	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	6539520	43.043	ng/ul	99

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

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ClientSampleId :
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Manual IntegrationsAPPROVED

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