Quantitation Report (Qedit)

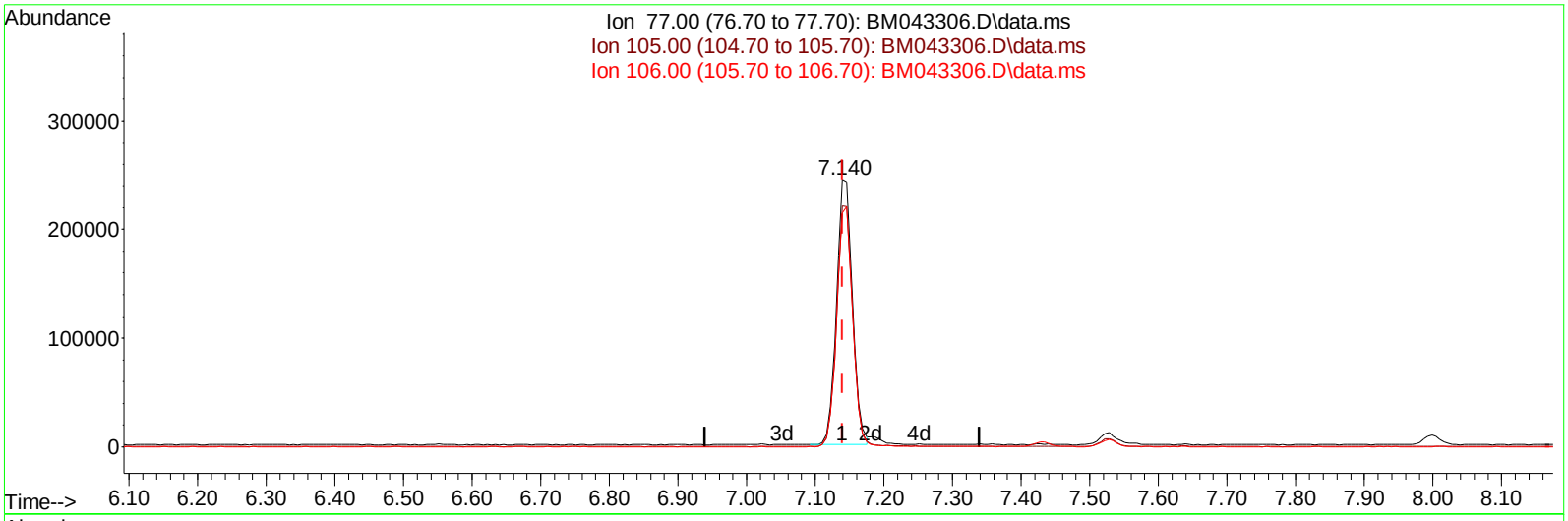
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043306.D
Acq On : 13 Dec 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

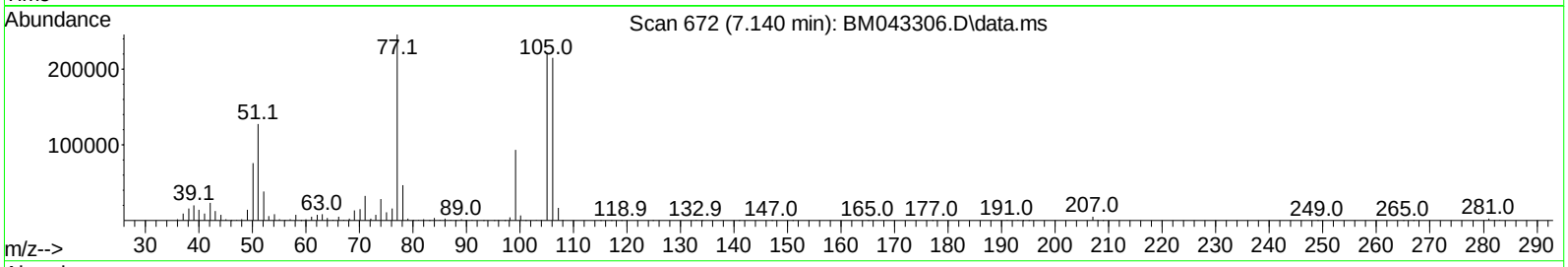
Quant Time: Dec 13 22:37:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

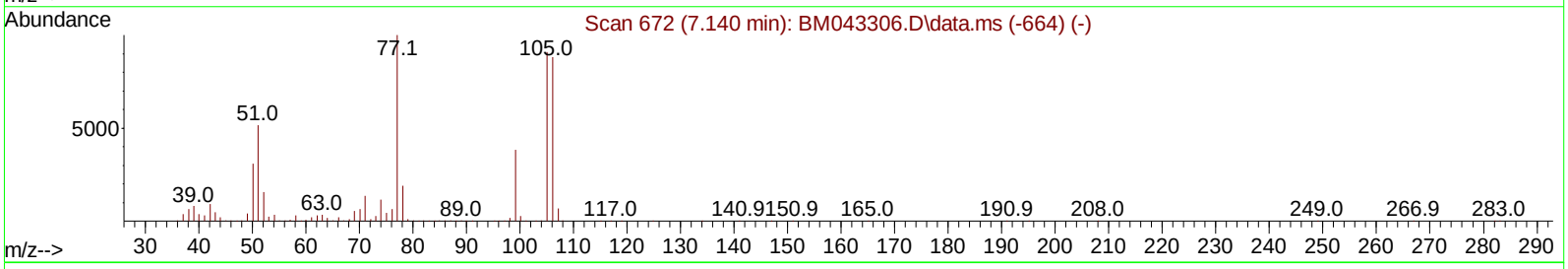
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023







TIC: BM043306.D\data.ms

(6) Benzaldehyde

7.140min (0.000) 19.59 ng/ul

response 394557

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	90.24
106.00	93.30	87.56
0.00	0.00	0.00

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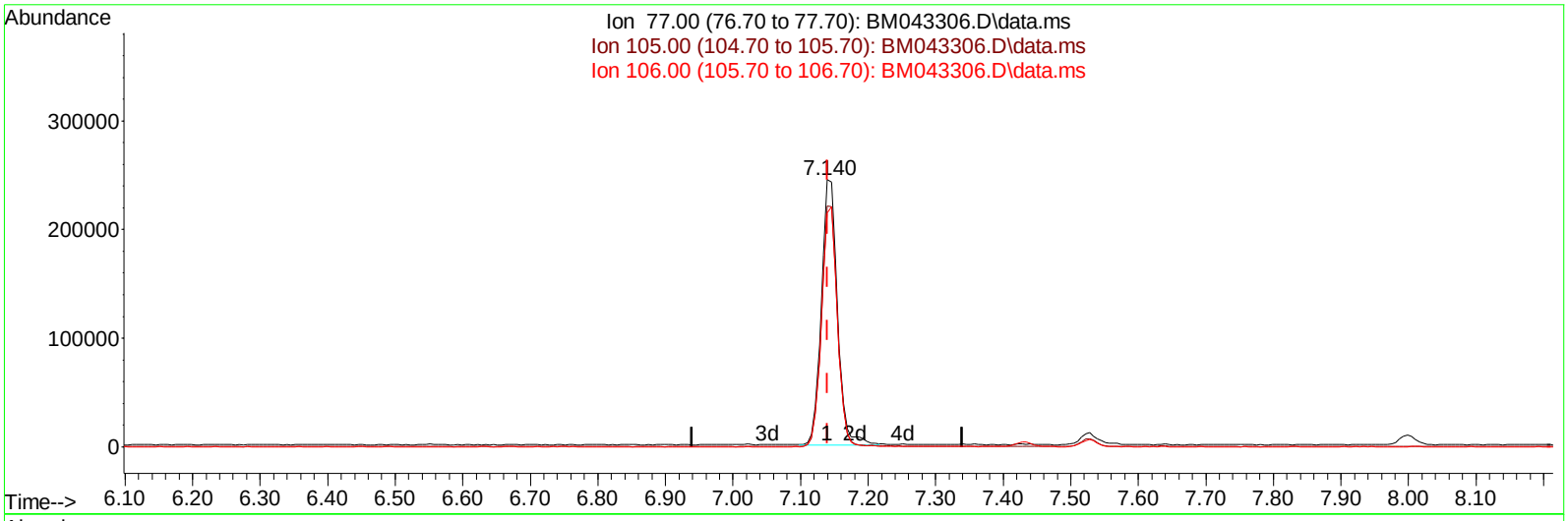

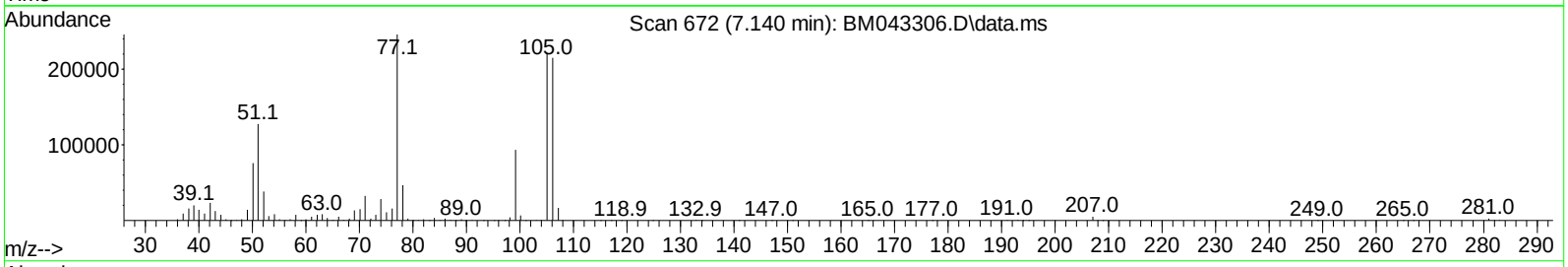

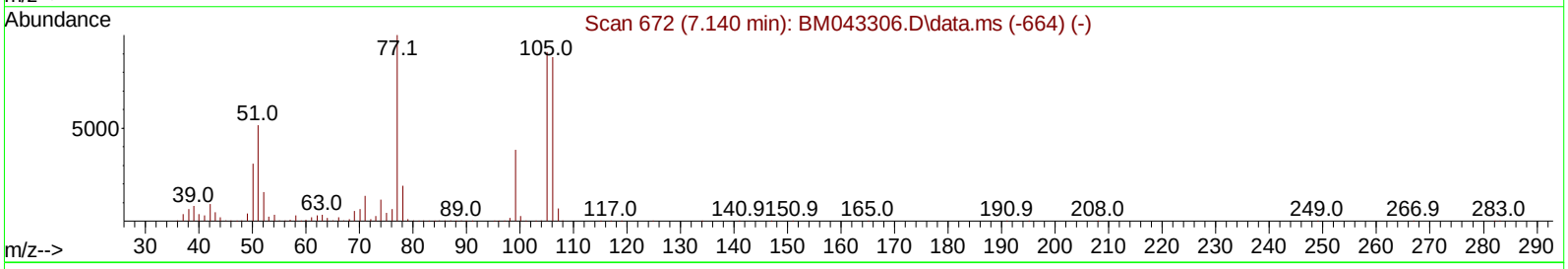

TIC: BM043306.D\data.ms

(6) Benzaldehyde

7.140min (0.000) 20.15 ng/ul m

response 405827

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	90.24
106.00	93.30	87.56
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
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Instrument :
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LabSampleId :
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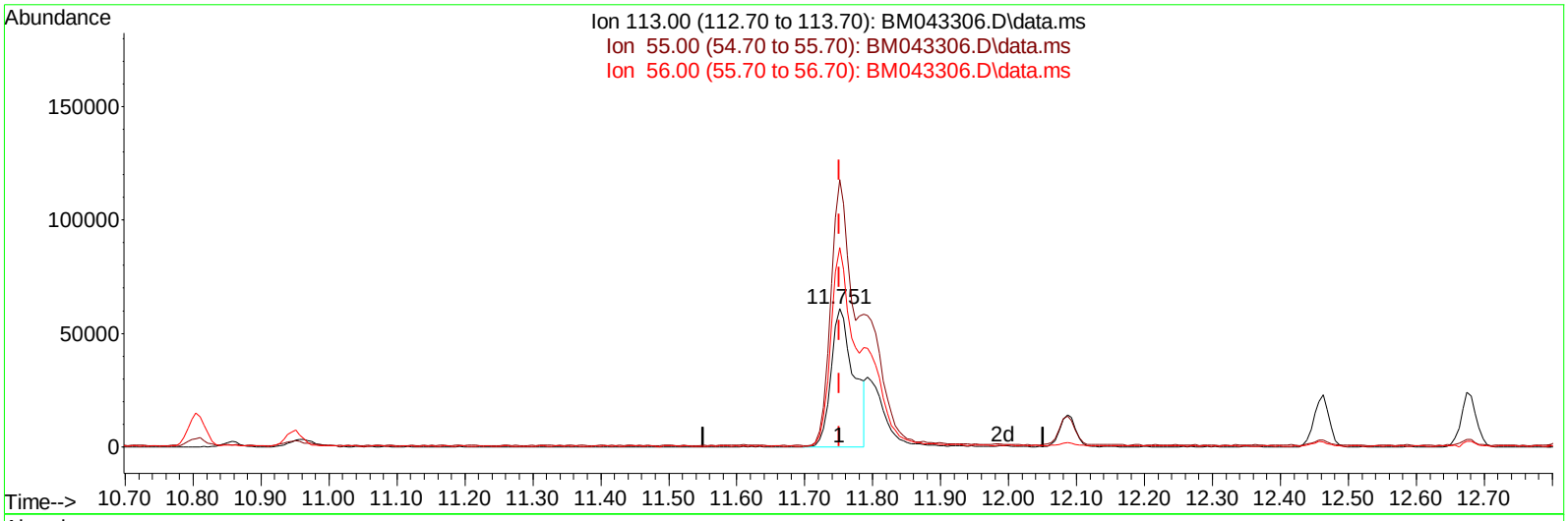

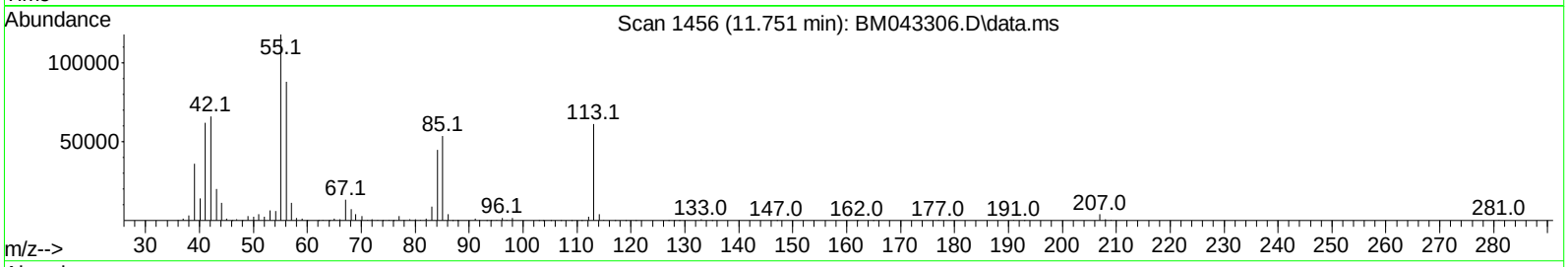

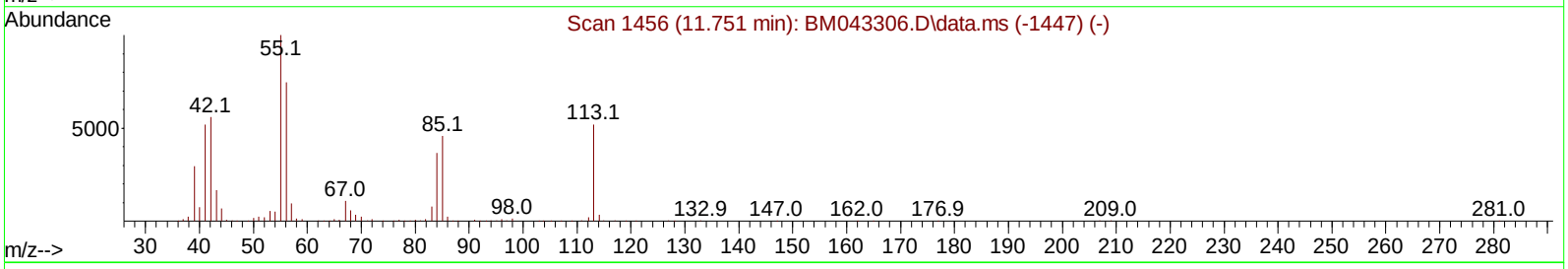

TIC: BM043306.D\data.ms

(34) Caprolactam

11.751min (0.000) 14.20 ng/ul

response 141742

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	193.00
56.00	129.40	143.92
0.00	0.00	0.00

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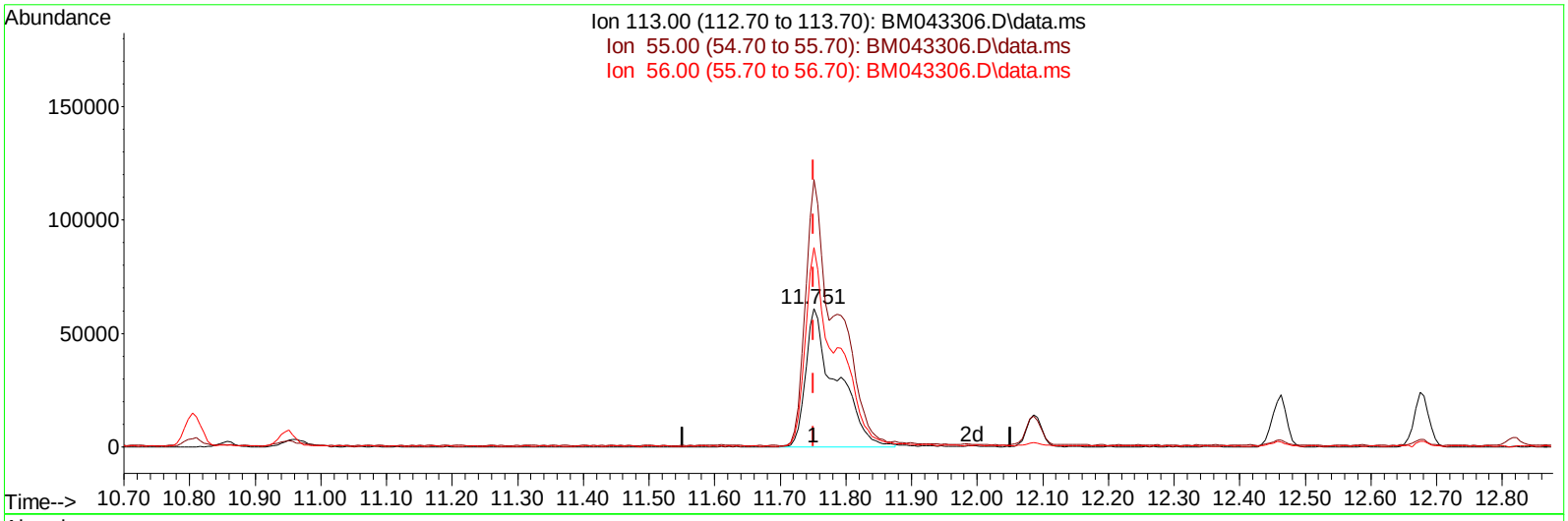

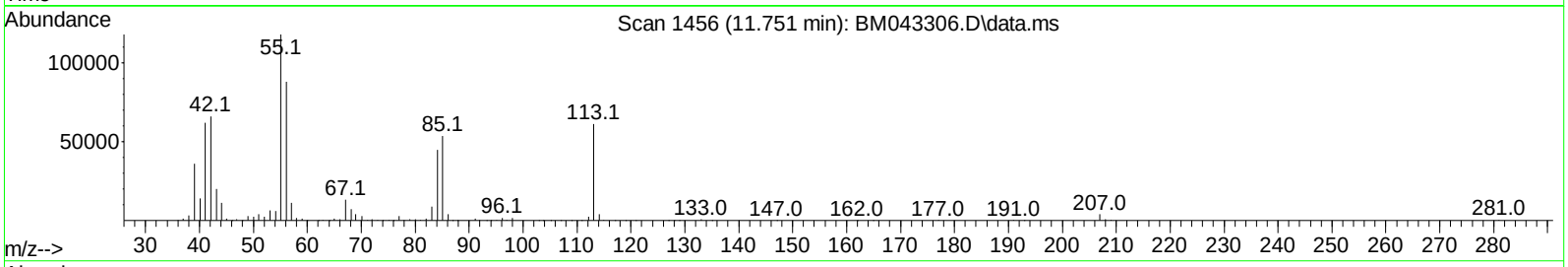

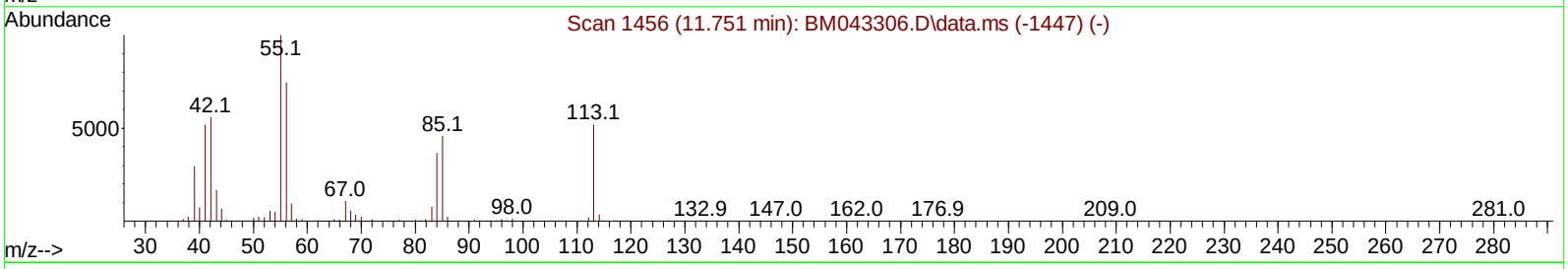

TIC: BM043306.D\data.ms

(34) Caprolactam

11.751min (0.000) 19.84 ng/ul m

response 198118

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	193.00
56.00	129.40	143.92
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	394231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1888434	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1091192	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	2082621	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1580019	20.000	ng/ul	# 0.00
88) Perylene-d12	23.950	264	1468018	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	81351	8.099	ng/uL	0.00
4) Pyridine-d5	3.816	84	647488	21.724	ng/ul	0.00
7) Phenol-d5	7.157	99	866174	22.131	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	539378	22.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	636097	21.319	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	686199	22.161	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	323283	20.085	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	320192	20.629	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	621523	17.966	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	915080	18.383	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1735602	18.145	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	2133155	19.276	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	340986	19.894	ng/ul	0.00
60) Fluorene-d10	15.616	176	1473047	17.666	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	92931	8.107	ng/ul	0.00
73) Anthracene-d10	17.462	188	2141372	19.006	ng/ul	0.00
81) Pyrene-d10	19.745	212	2129511	21.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	1622679	18.943	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	89015	8.068	ng/uL	95
5) Pyridine	3.834	79	672445	21.952	ng/ul	98
6) Benzaldehyde	7.140	77	405827m	20.146	ng/ul	
8) Phenol	7.187	94	861731	22.263	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	680268	21.797	ng/ul	96
12) 2-Chlorophenol	7.557	128	651420	21.521	ng/ul	97
13) 2-Methylphenol	8.445	108	651887	21.780	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1198610	23.099	ng/ul	100
16) Acetophenone	8.834	105	1021421	20.524	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.816	70	582193	21.343	ng/ul	99
18) 4-Methylphenol	8.775	108	717433	22.091	ng/ul	99
19) Hexachloroethane	9.075	117	270201	21.059	ng/ul#	75
22) Nitrobenzene	9.210	77	822190	21.245	ng/ul	96
23) Isophorone	9.739	82	1592293	19.309	ng/ul	99
25) 2-Nitrophenol	9.922	139	347206	20.411	ng/ul	93
26) 2,4-Dimethylphenol	9.981	107	694296	20.817	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	969874	20.004	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	603625	17.977	ng/ul	96
30) Naphthalene	10.857	128	2201919	18.997	ng/ul	100
32) 4-Chloroaniline	10.975	127	896371	19.091	ng/ul	99
33) Hexachlorobutadiene	11.128	225	290291	13.875	ng/ul	99
34) Caprolactam	11.751	113	198118m	19.844	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	710740	20.158	ng/ul	96

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Instrument :
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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	1489379	17.860	ng/ul	100
37) 1-Methylnaphthalene	12.675	142	1510660	17.847	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	587718	15.920	ng/ul#	96
40) Hexachlorocyclopentadiene	12.792	237	286694	13.686	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	423024	18.414	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	459395	18.374	ng/ul	100
43) 1,1'-Biphenyl	13.469	154	1889154	19.571	ng/ul#	98
44) 2-Chloronaphthalene	13.510	162	1459818	19.509	ng/ul	97
45) 2-Nitroaniline	13.716	65	496328	25.101	ng/ul	91
47) Dimethylphthalate	14.092	163	1726784	18.406	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	337075	19.501	ng/ul	92
50) Acenaphthylene	14.351	152	2465582	19.713	ng/ul	100
51) 3-Nitroaniline	14.539	138	408570	21.306	ng/ul	89
52) Acenaphthene	14.686	153	1614024	19.564	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	50695	6.389	ng/ul#	71
55) 4-Nitrophenol	14.839	109	273468	22.065	ng/ul	94
56) Dibenzofuran	15.021	168	2070293	18.371	ng/ul	92
57) 2,4-Dinitrotoluene	14.992	165	472745	19.155	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.245	232	341948	16.454	ng/ul#	85
59) Diethylphthalate	15.451	149	1836958	19.466	ng/ul	96
61) Fluorene	15.668	166	1802165	18.474	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	771652	16.011	ng/ul#	88
63) 4-Nitroaniline	15.698	138	418445	21.718	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.745	198	104358	8.326	ng/ul#	77
67) N-Nitrosodiphenylamine	15.880	169	1432534	20.512	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	432807	17.186	ng/ul#	92
69) Hexachlorobenzene	16.657	284	499596	16.719	ng/ul#	86
70) Atrazine	16.833	200	281851	14.311	ng/ul	95
71) Pentachlorophenol	17.010	266	284731	16.182	ng/ul	99
72) Phenanthrene	17.410	178	2583800	19.896	ng/ul	100
74) Anthracene	17.498	178	2626061	20.074	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	590826	17.932	ng/uL	100
76) Pentachlorobenzene	14.933	250	570739	17.046	ng/uL	98
77) Carbazole	17.774	167	2412743	22.453	ng/ul	98
78) Di-n-butylphthalate	18.339	149	3246284	23.225	ng/ul	99
80) Fluoranthene	19.415	202	2624117	22.627	ng/ul#	91
82) Pyrene	19.774	202	2755290	22.840	ng/ul#	90
83) Butylbenzylphthalate	20.680	149	1427116	29.740	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.456	252	654539	17.431	ng/ul#	98
85) Benzo(a)anthracene	21.521	228	2430719	20.065	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	2161960	28.541	ng/ul#	96
87) Chrysene	21.574	228	2186844	20.211	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	3428030	33.949	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2032985	19.409	ng/ul#	96
91) Benzo(k)fluoranthene	23.268	252	2057614	19.724	ng/ul#	96
93) Benzo(a)pyrene	23.844	252	1853358	19.143	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.474	276	2053738	18.623	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.503	278	1713013	18.577	ng/ul#	95
96) Benzo(g,h,i)perylene	27.244	276	1581685	19.037	ng/ul#	91

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

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