Quantitation Report (Qedit)

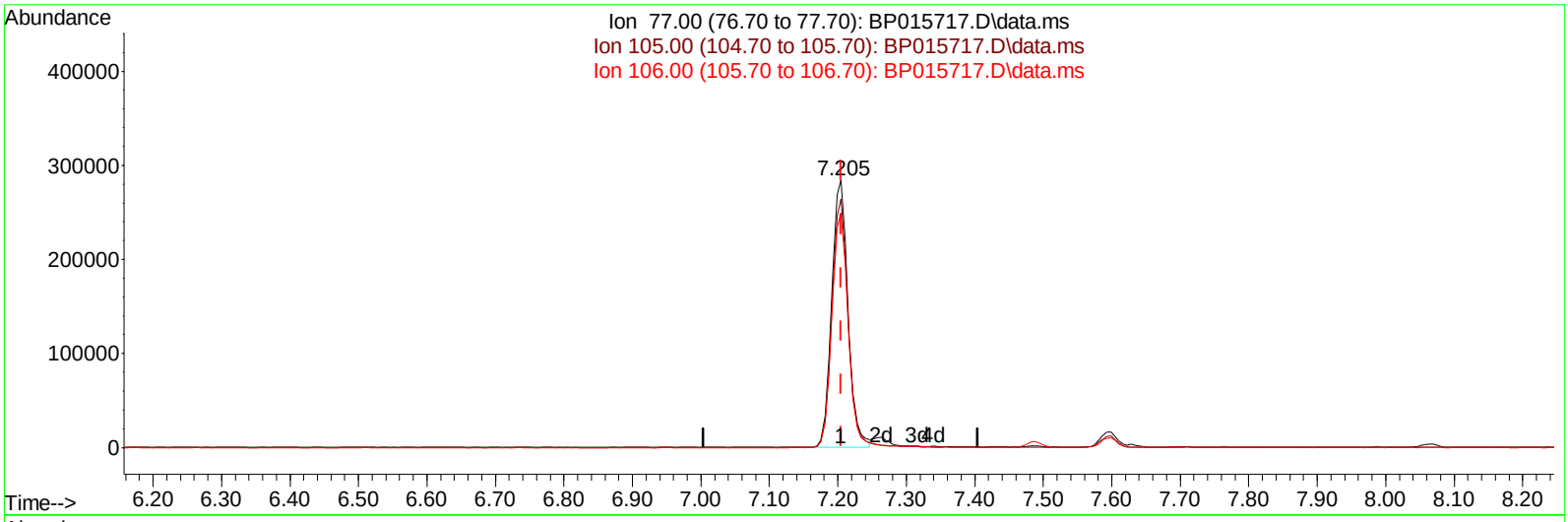
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015717.D
Acq On : 26 Jun 2023 16:45
Operator : MA/JU
Sample : SSTD08093
Misc :
ALS Vial : 7 Sample Multiplier: 1

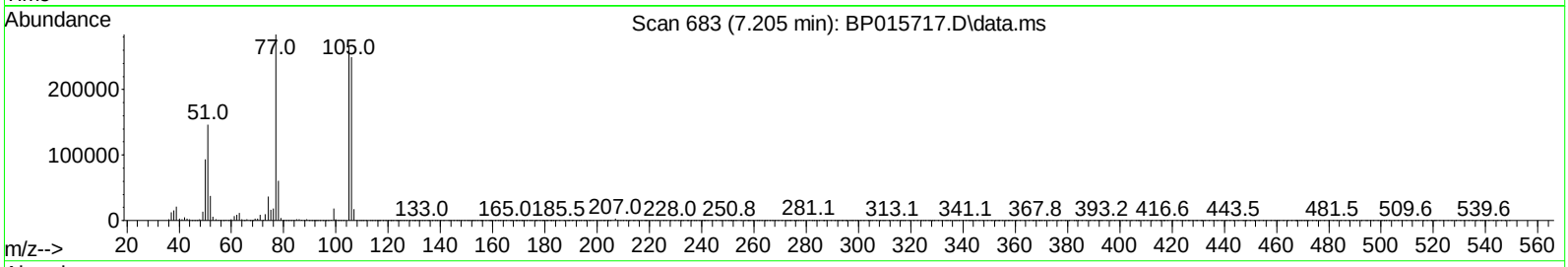
Quant Time: Jun 27 00:02:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 23:54:28 2023
Response via : Initial Calibration

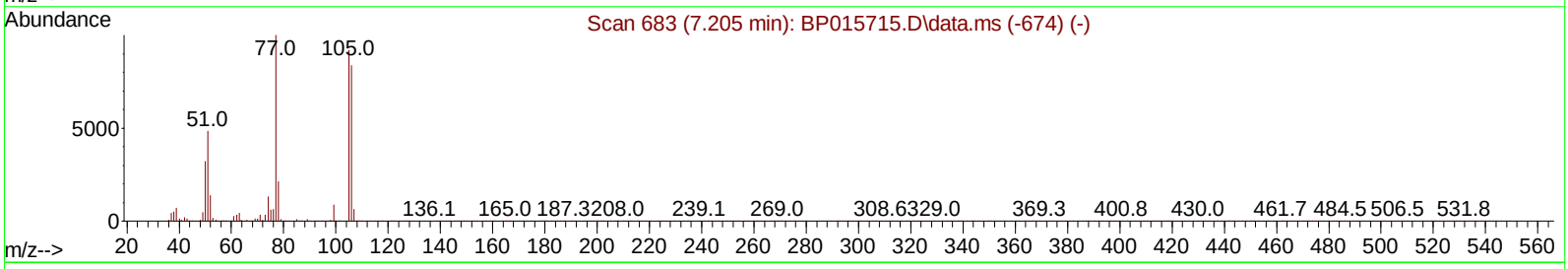
Instrument :
BNA_P
ClientSampleId :
SSTD080636

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023







TIC: BP015717.D\data.ms

(6) Benzaldehyde

7.205min (+ 0.000) 92.63 ng/ul

response 466815

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	93.13
106.00	83.30	87.89
0.00	0.00	0.00

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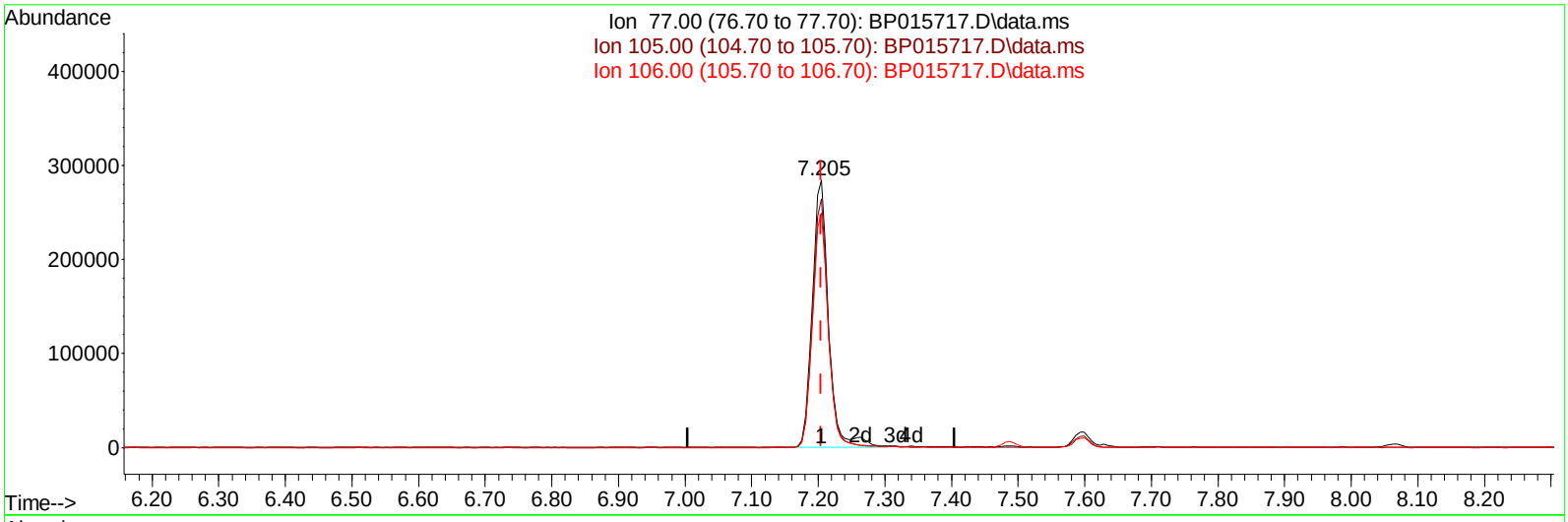

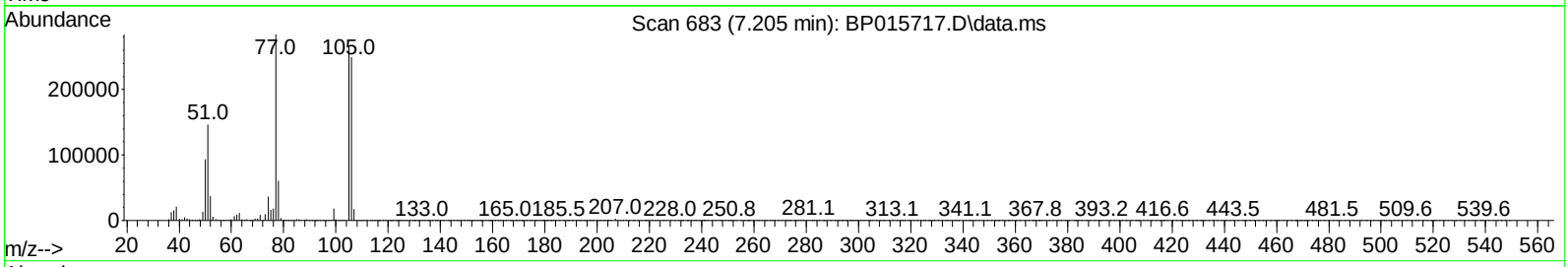

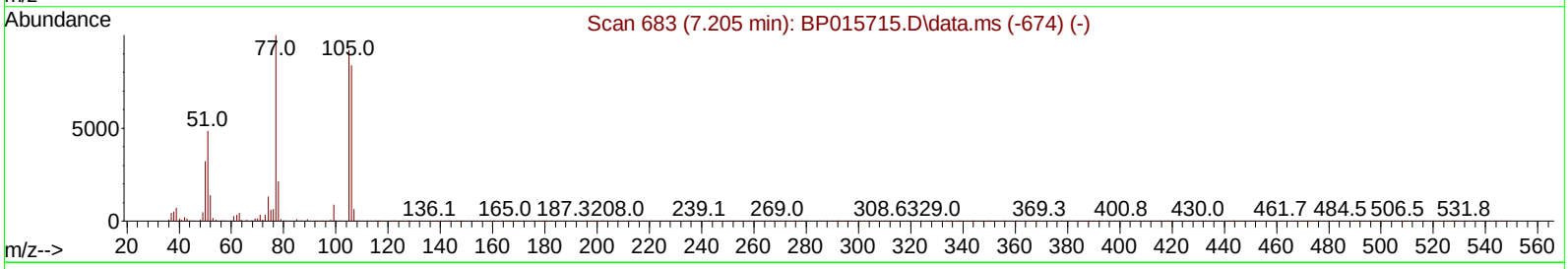

TIC: BP015717.D\data.ms

(6) Benzaldehyde

7.205min (+ 0.000) 96.66 ng/ul m

response 487109

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	93.13
106.00	83.30	87.89
0.00	0.00	0.00

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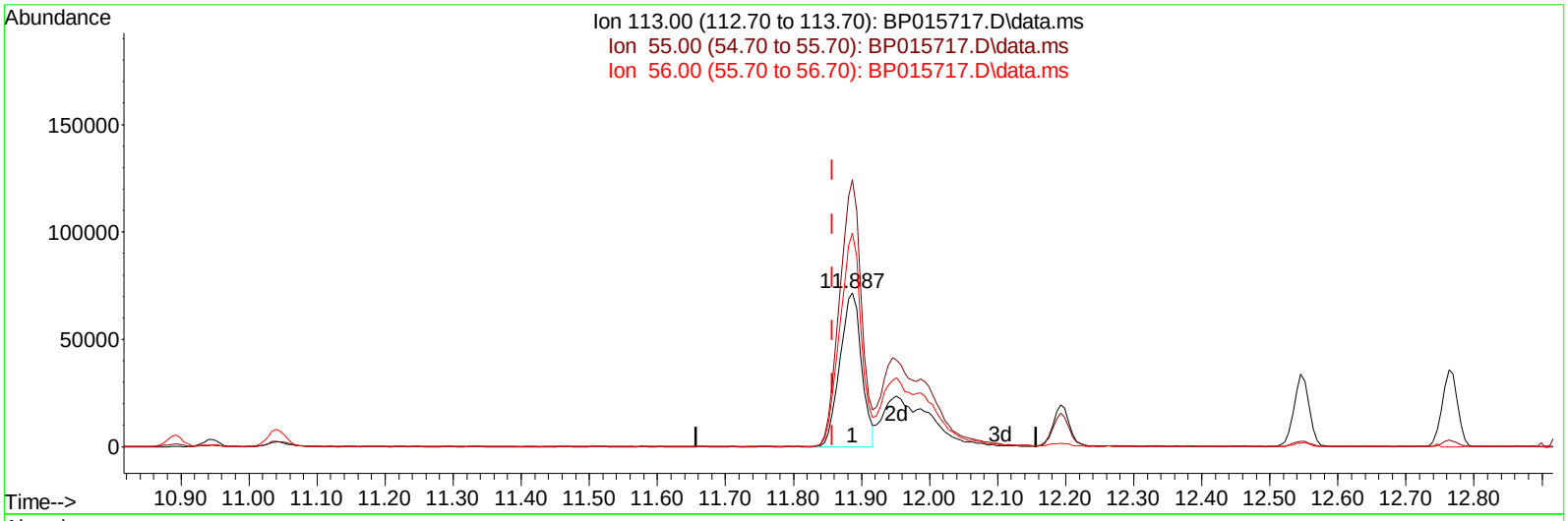

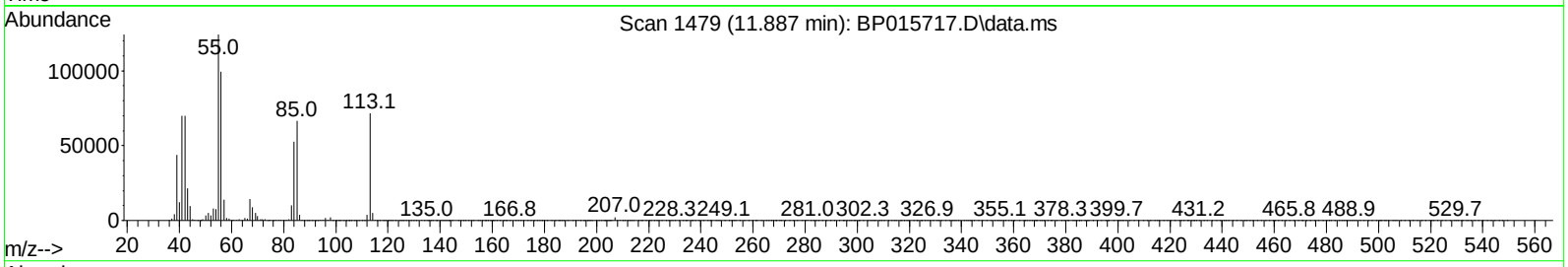

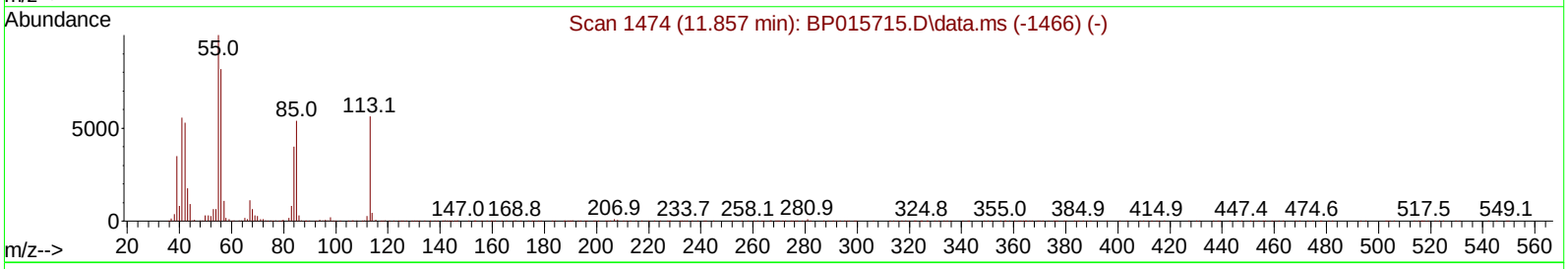

TIC: BP015717.D\data.ms

(34) Caprolactam

11.887min (+ 0.030) 52.87 ng/ul

response 158383

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	173.31
56.00	146.10	138.74
0.00	0.00	0.00

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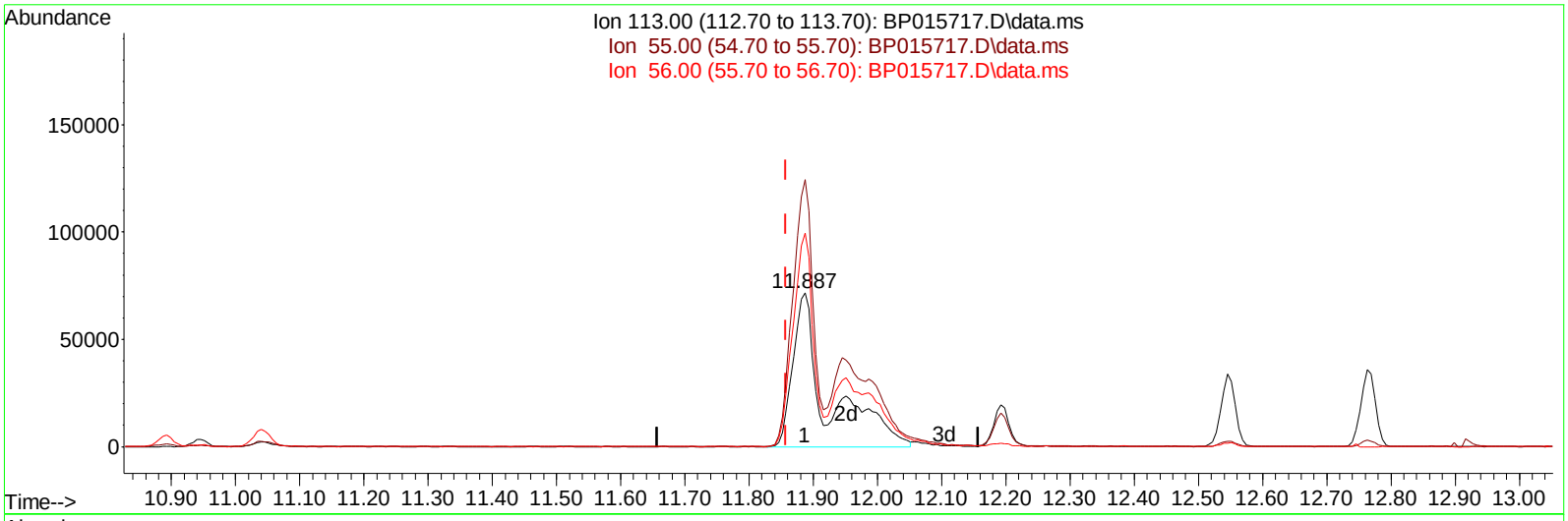

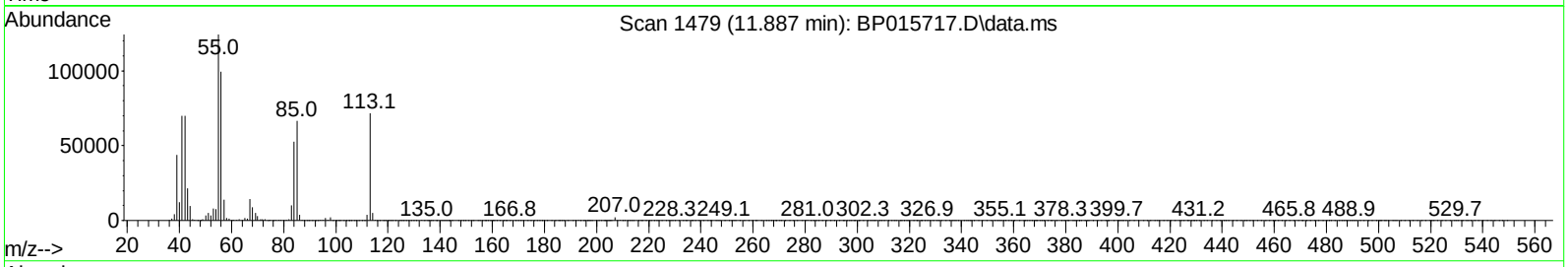

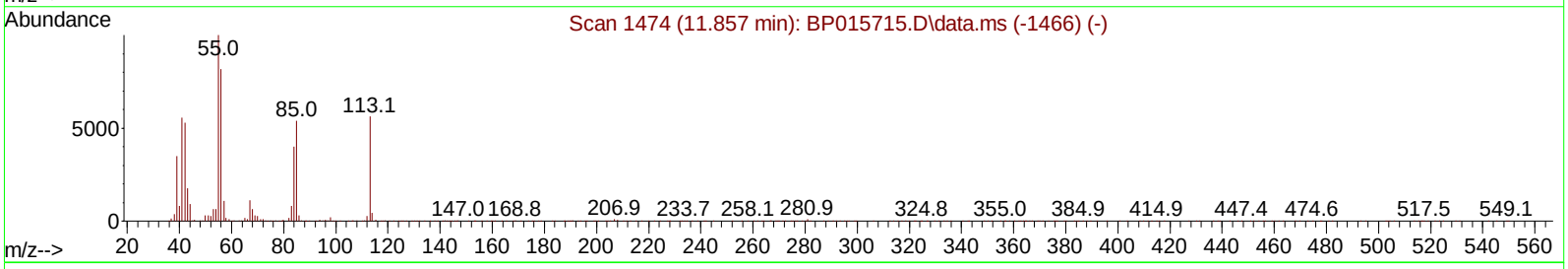

TIC: BP015717.D\data.ms

(34) Caprolactam

11.887min (+ 0.030) 89.30 ng/ul m

response 267508

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	173.31
56.00	146.10	138.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jun 27 00:39:06 2023
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	150258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	628792	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	378503	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	798879	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	550283	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	530801	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	138210	33.094	ng/uL	0.00
4) Pyridine-d5	3.822	84	911893	86.619	ng/ul	0.00
7) Phenol-d5	7.234	99	1092831	85.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	661079	83.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	818834	84.374	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	860457	84.722	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	413847	86.120	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	491809	87.689	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	849986	85.046	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	1083115	84.363	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	2415501	82.566	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2702480	82.175	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	383753	99.401	ng/ul	0.00
60) Fluorene-d10	15.710	176	1967460	81.675	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	443016	90.633	ng/ul	0.00
73) Anthracene-d10	17.581	188	2932581	80.364	ng/ul	0.00
81) Pyrene-d10	19.804	212	3032198	84.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	2234865	83.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	145374	32.346	ng/uL	98
5) Pyridine	3.846	79	952794	86.513	ng/ul	95
6) Benzaldehyde	7.205	77	487109m	96.655	ng/ul	
8) Phenol	7.263	94	1126808	84.460	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.487	93	877653	82.682	ng/ul	99
12) 2-Chlorophenol	7.628	128	858331	83.249	ng/ul	100
13) 2-Methylphenol	8.522	108	843569	83.746	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.599	45	1194431	82.385	ng/ul	99
16) Acetophenone	8.910	105	1384716	82.940	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.899	70	753201	81.228	ng/ul	99
18) 4-Methylphenol	8.863	108	909424	84.029	ng/ul	100
19) Hexachloroethane	9.146	117	388115	81.503	ng/ul	98
22) Nitrobenzene	9.293	77	1125440	83.399	ng/ul	97
23) Isophorone	9.828	82	2131474	82.538	ng/ul	99
25) 2-Nitrophenol	10.010	139	511417	85.919	ng/ul	98
26) 2,4-Dimethylphenol	10.069	107	1075019	82.157	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.299	93	1210770	83.053	ng/ul	98
29) 2,4-Dichlorophenol	10.546	162	842928	84.833	ng/ul	99
30) Naphthalene	10.946	128	2730919	79.892	ng/ul	99
32) 4-Chloroaniline	11.069	127	1127454	84.523	ng/ul	97
33) Hexachlorobutadiene	11.210	225	604380	80.544	ng/ul	99
34) Caprolactam	11.887	113	267508m	89.298	ng/ul	
35) 4-Chloro-3-methylphenol	12.193	107	982158	84.444	ng/ul	99

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BNA_P
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SSTD080636

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.546	142	1830819	81.361	ng/ul	98
37) 1-Methylnaphthalene	12.763	142	1818613	79.224	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.916	216	1037671	83.194	ng/ul	99
40) Hexachlorocyclopentadiene	12.875	237	307882	82.510	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	692878	87.899	ng/ul	98
42) 2,4,5-Trichlorophenol	13.240	196	735879	90.164	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	2447813	81.649	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	1933924	81.886	ng/ul	99
45) 2-Nitroaniline	13.816	65	683160	92.920	ng/ul	96
47) Dimethylphthalate	14.175	163	2475960	81.778	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	537531	87.524	ng/ul	97
50) Acenaphthylene	14.440	152	2941150	81.165	ng/ul	100
51) 3-Nitroaniline	14.640	138	441757	91.725	ng/ul	94
52) Acenaphthene	14.781	153	2037764	81.095	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	331733	102.491	ng/ul	93
55) 4-Nitrophenol	14.963	109	400726	93.507	ng/ul	97
56) Dibenzofuran	15.116	168	2791665	80.030	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	739600	88.800	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.345	232	622174	86.634	ng/ul	98
59) Diethylphthalate	15.528	149	2533278	82.682	ng/ul	99
61) Fluorene	15.769	166	2255436	79.715	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	1157083	79.922	ng/ul	98
63) 4-Nitroaniline	15.810	138	337352	103.601	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	441109	88.738	ng/ul#	97
67) N-Nitrosodiphenylamine	15.975	169	1914181	80.039	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	750711	82.291	ng/ul	95
69) Hexachlorobenzene	16.775	284	868045	80.642	ng/ul	99
70) Atrazine	16.934	200	760982	83.125	ng/ul	99
71) Pentachlorophenol	17.128	266	475042	92.592	ng/ul	97
72) Phenanthrene	17.522	178	3466896	79.883	ng/ul	100
74) Anthracene	17.616	178	3481725	79.839	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.522	216	1056170	81.248	ng/uL	99
76) Pentachlorobenzene	15.040	250	1034898	78.881	ng/uL	99
77) Carbazole	17.886	167	3017620	82.099	ng/ul	100
78) Di-n-butylphthalate	18.404	149	4079535	83.720	ng/ul	100
80) Fluoranthene	19.480	202	3786873	84.800	ng/ul	98
82) Pyrene	19.833	202	3773431	82.836	ng/ul	100
83) Butylbenzylphthalate	20.680	149	1620855	87.216	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	1006917	80.945	ng/ul	100
85) Benzo(a)anthracene	21.551	228	3194882	82.534	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	2203877	86.289	ng/ul	99
87) Chrysene	21.604	228	2924056	79.618	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	3387685	87.330	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2913605	85.427	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	2781834	80.727	ng/ul	98
93) Benzo(a)pyrene	24.004	252	2473467	82.998	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	3342621	82.623	ng/ul	97
95) Dibenzo(a,h)anthracene	26.839	278	2757341	82.977	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	2774809	83.739	ng/ul	98

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

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