Quantitation Report (Qedit)

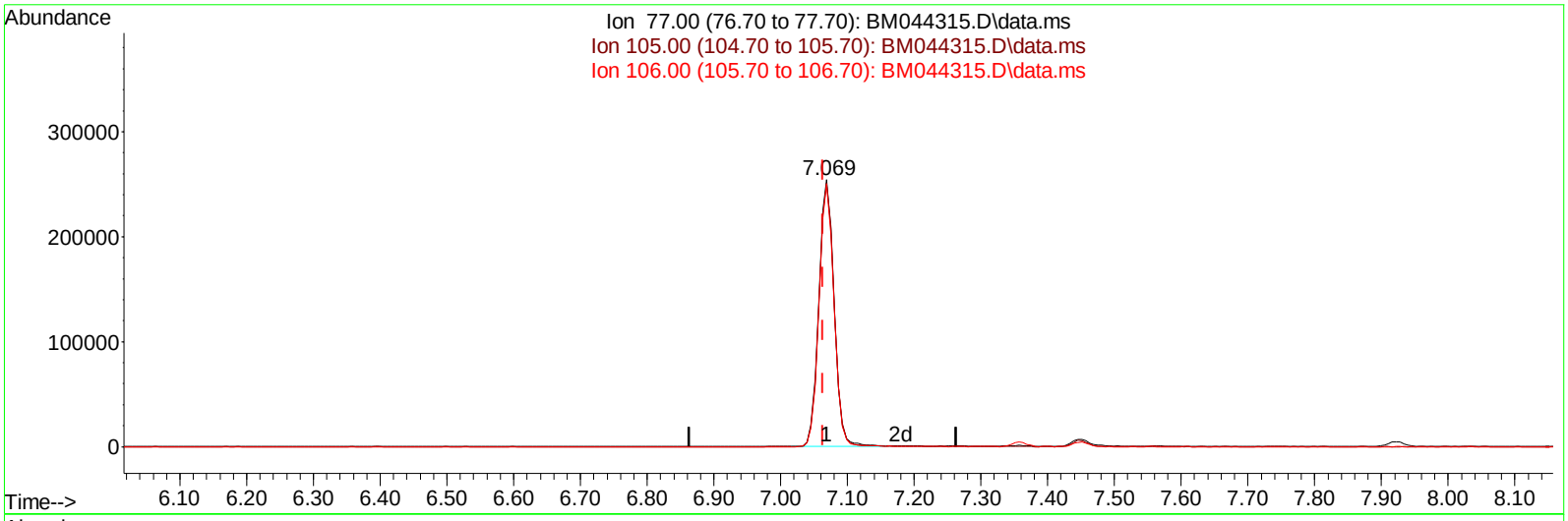
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
Data File : BM044315.D
Acq On : 25 Feb 2024 03:47
Operator : MA/JU
Sample : P1494-15MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

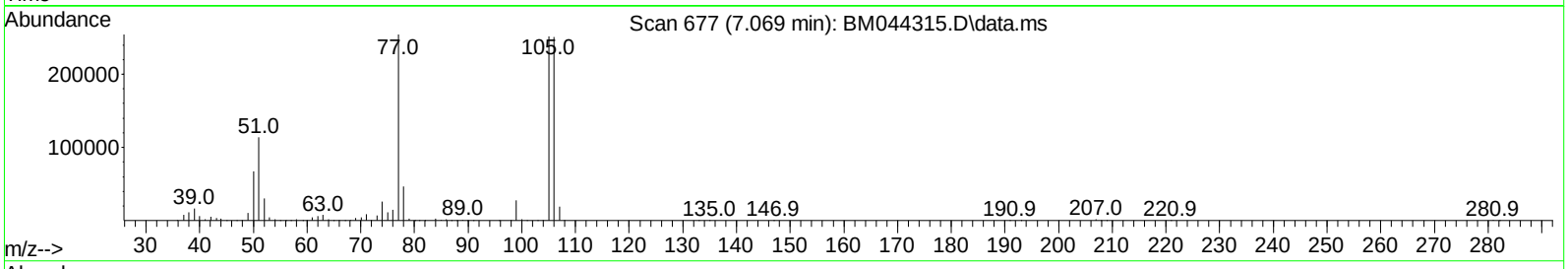
Quant Time: Feb 25 23:05:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 25 22:57:38 2024
Response via : Initial Calibration

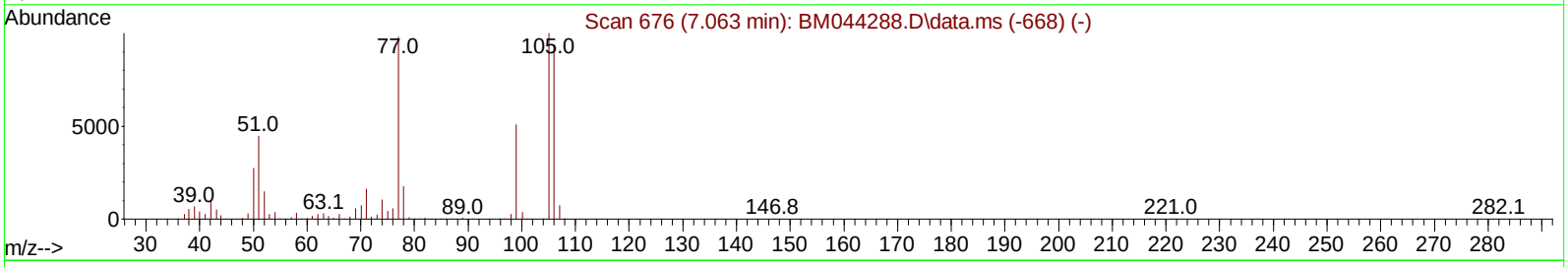
Instrument :
BNA_M
ClientSampleId :
BH3W6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024







TIC: BM044315.D\data.ms

(6) Benzaldehyde

7.069min (+ 0.006) 44.33 ng/ul

response 402418

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	98.97
106.00	96.80	98.54
0.00	0.00	0.00

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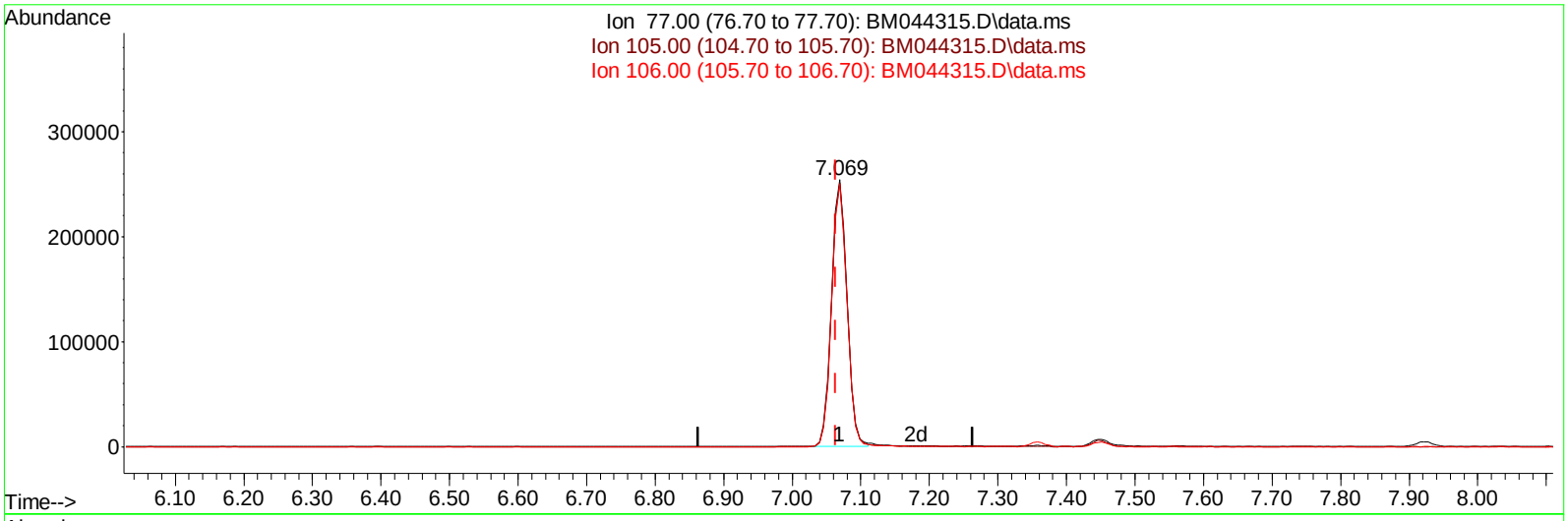

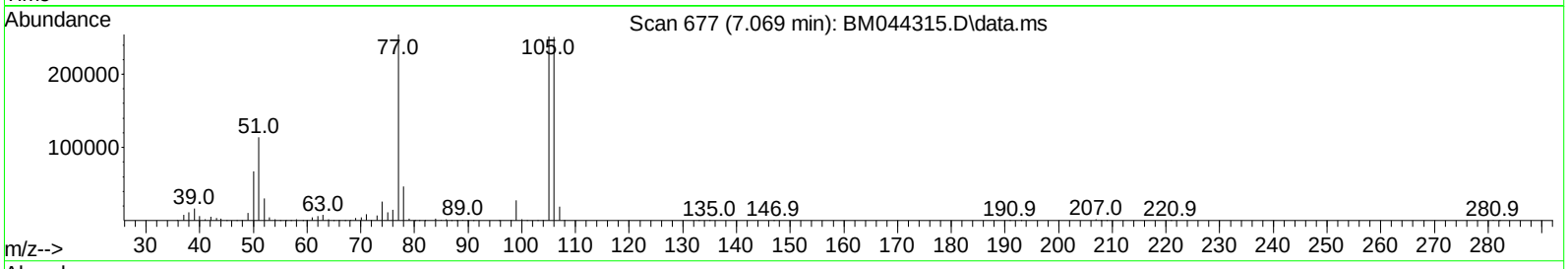

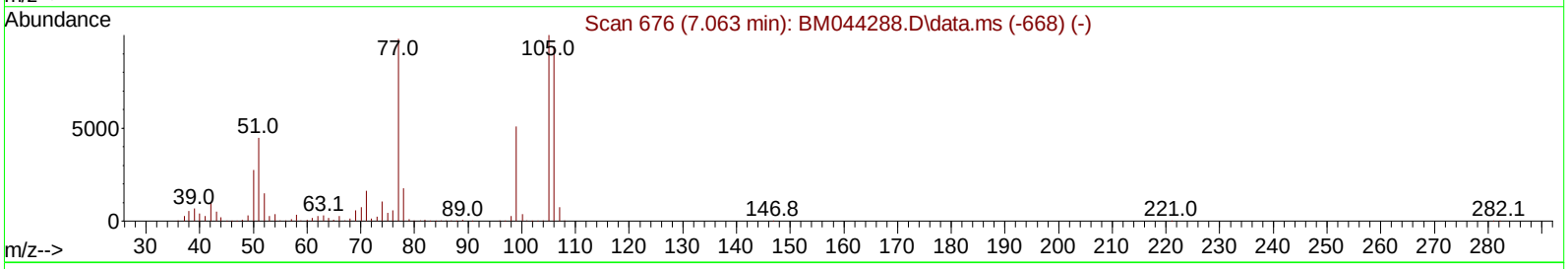

TIC: BM044315.D\data.ms

(6) Benzaldehyde

7.069min (+ 0.006) 44.02 ng/ul m

response 399542

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.80	98.97
106.00	96.80	98.54
0.00	0.00	0.00

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ClientSampleId :
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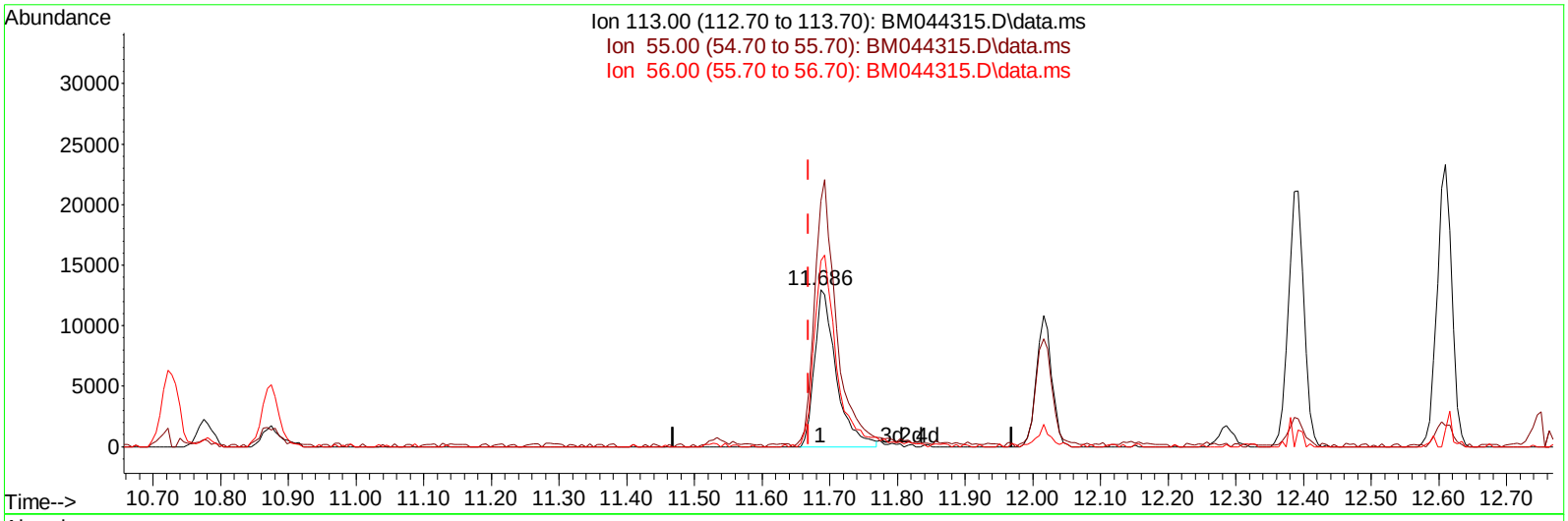

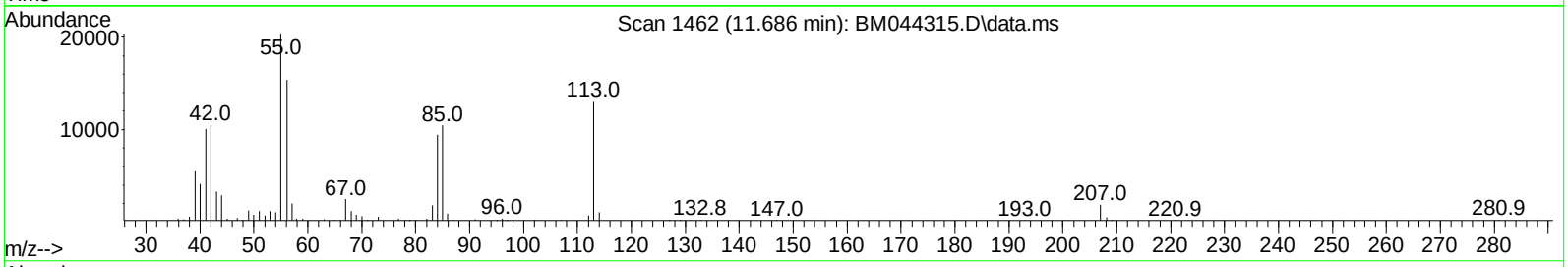

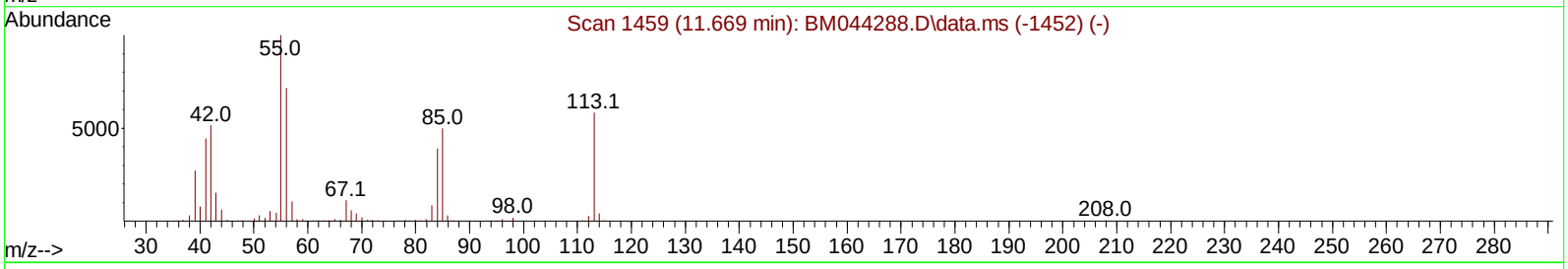

TIC: BM044315.D\data.ms

(34) Caprolactam

11.686min (+ 0.018) 5.78 ng/ul

response 28804

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	156.15
56.00	128.00	118.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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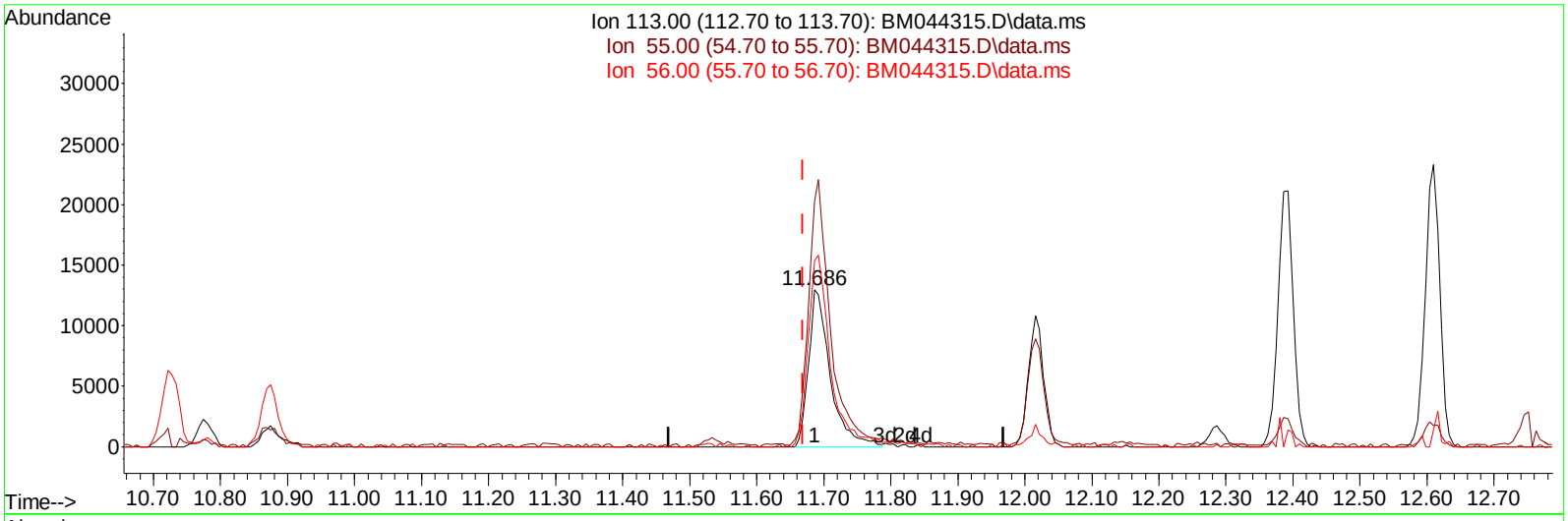

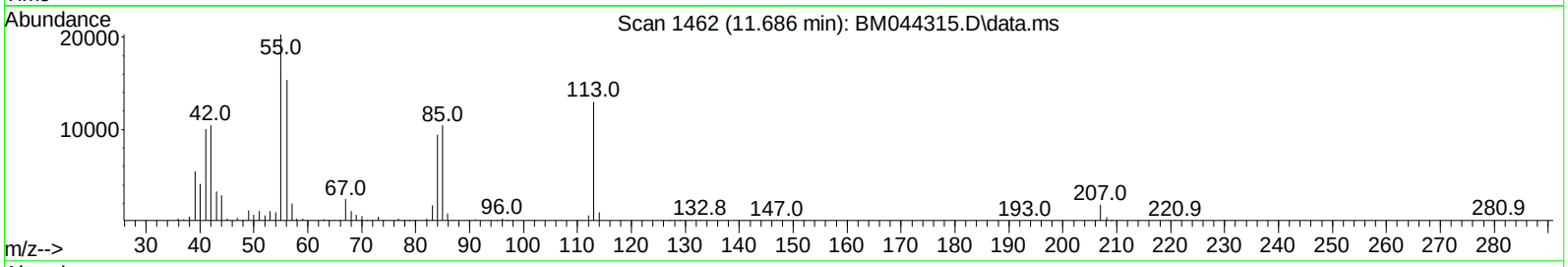

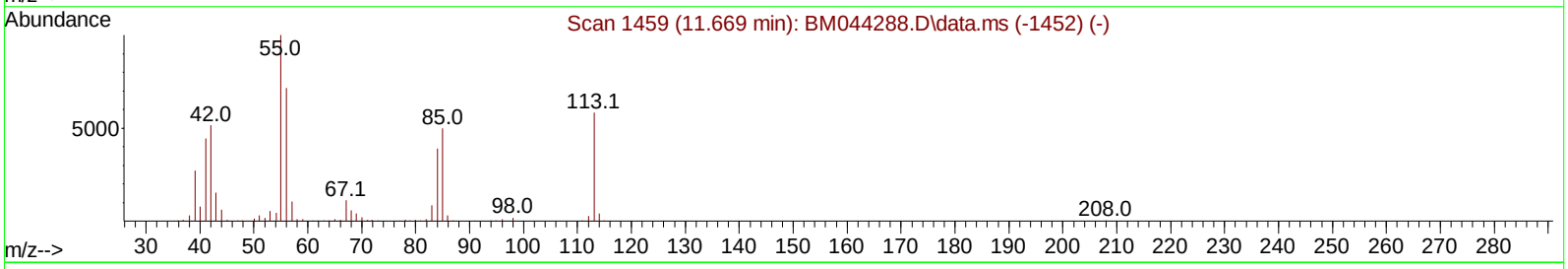

TIC: BM044315.D\data.ms

(34) Caprolactam

11.686min (+ 0.018) 5.84 ng/ul m

response 29111

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	156.15
56.00	128.00	118.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	218279	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	973446	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.563	164	577537	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	1211690	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	1041334	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1154005	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	28172	4.072	ng/uL	0.00
4) Pyridine-d5	3.775	84	226736	12.000	ng/ul	0.00
7) Phenol-d5	7.087	99	183865	8.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	539523	39.844	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	517236	32.843	ng/ul	0.01
15) 4-Methylphenol-d8	8.640	113	325642	20.582	ng/ul	0.01
21) Nitrobenzene-d5	9.092	128	339675	42.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	358607	44.409	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	583350	40.953	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	868981	36.323	ng/ul	0.01
46) Dimethylphthalate-d6	13.992	166	2120388	47.604	ng/ul	0.01
49) Acenaphthylene-d8	14.263	160	2399810	46.828	ng/ul	0.01
54) 4-Nitrophenol-d4	14.774	143	92168	10.399	ng/ul	0.01
60) Fluorene-d10	15.563	176	1803556	47.839	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	368400	49.000	ng/ul	0.01
73) Anthracene-d10	17.415	188	2739524	47.417	ng/ul	0.00
81) Pyrene-d10	19.715	212	3164332	50.510	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.774	264	3019851	51.069	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	42560	5.836	ng/uL	95
5) Pyridine	3.793	79	258532	13.079	ng/ul	99
6) Benzaldehyde	7.069	77	399542m	44.018	ng/ul	
8) Phenol	7.116	94	201636	9.277	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.357	93	728385	40.036	ng/ul	99
12) 2-Chlorophenol	7.481	128	534640	32.814	ng/ul	98
13) 2-Methylphenol	8.369	108	392923	24.537	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.451	45	981009	39.438	ng/ul	99
16) Acetophenone	8.757	105	1087307	43.015	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.739	70	569860	45.003	ng/ul	98
18) 4-Methylphenol	8.698	108	370774	21.736	ng/ul	100
19) Hexachloroethane	8.992	117	275356	39.837	ng/ul	96
22) Nitrobenzene	9.134	77	792965	41.426	ng/ul	98
23) Isophorone	9.663	82	1653991	44.585	ng/ul	100
25) 2-Nitrophenol	9.845	139	383098	42.775	ng/ul	97
26) 2,4-Dimethylphenol	9.904	107	443680	25.945	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.151	93	1022491	42.397	ng/ul	100
29) 2,4-Dichlorophenol	10.375	162	576768	40.008	ng/ul	99
30) Naphthalene	10.775	128	2270799	41.017	ng/ul	100
32) 4-Chloroaniline	10.898	127	711289	30.511	ng/ul	99
33) Hexachlorobutadiene	11.051	225	348272	40.099	ng/ul	98
34) Caprolactam	11.686	113	29111m	5.842	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	608548	39.622	ng/ul	99

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Instrument :
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BH3W6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.392	142	1526222	43.280	ng/ul	99
37) 1-Methylnaphthalene	12.610	142	1517962	43.545	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	721502	42.201	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	353677	30.747	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	492105	45.157	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	531984	45.157	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	2010477	42.759	ng/ul	98
44) 2-Chloronaphthalene	13.445	162	1581277	42.952	ng/ul	100
45) 2-Nitroaniline	13.657	65	516139	50.637	ng/ul	98
47) Dimethylphthalate	14.039	163	2148520	47.195	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	443421	52.084	ng/ul	98
50) Acenaphthylene	14.292	152	2709277	44.633	ng/ul	99
51) 3-Nitroaniline	14.486	138	432169	48.117	ng/ul	95
52) Acenaphthene	14.633	153	1775975	44.318	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	247108	46.775	ng/ul	97
55) 4-Nitrophenol	14.786	109	64121	10.531	ng/ul	95
56) Dibenzofuran	14.969	168	2407568	44.754	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	642555	52.535	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.192	232	445008	46.937	ng/ul	98
59) Diethylphthalate	15.404	149	2293887	48.951	ng/ul	99
61) Fluorene	15.616	166	1991314	46.088	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	935009	45.918	ng/ul	98
63) 4-Nitroaniline	15.651	138	472636	54.407	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	382363	46.491	ng/ul#	99
67) N-Nitrosodiphenylamine	15.833	169	1734982	47.250	ng/ul	100
68) 4-Bromophenyl-phenylether	16.515	248	557460	46.305	ng/ul	94
69) Hexachlorobenzene	16.610	284	646090	46.889	ng/ul	99
70) Atrazine	16.792	200	404200	33.604	ng/ul	97
71) Pentachlorophenol	16.962	266	395568	43.562	ng/ul	99
72) Phenanthrene	17.362	178	3232231	46.500	ng/ul	100
74) Anthracene	17.451	178	3233105	46.197	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	727245	42.876	ng/uL	99
76) Pentachlorobenzene	14.880	250	724117	44.720	ng/uL	98
77) Carbazole	17.727	167	3111102	47.276	ng/ul	100
78) Di-n-butylphthalate	18.304	149	4376071	52.521	ng/ul	99
80) Fluoranthene	19.380	202	3688364	49.089	ng/ul	99
82) Pyrene	19.745	202	3839262	48.724	ng/ul	100
83) Butylbenzylphthalate	20.662	149	2015368	56.944	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	1117144	47.962	ng/ul	99
85) Benzo(a)anthracene	21.503	228	3769147	48.532	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.450	149	2991976	55.217	ng/ul	100
87) Chrysene	21.556	228	3536633	48.444	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	5386214	54.476	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	3799111	51.352	ng/ul	99
91) Benzo(k)fluoranthene	23.244	252	3680053	48.431	ng/ul	99
93) Benzo(a)pyrene	23.827	252	3530341	49.494	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.438	276	4211471	48.825	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	3570776	49.538	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	3365287	48.231	ng/ul	98

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

Instrument :
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Manual IntegrationsAPPROVED

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