Quantitation Report (Qedit)

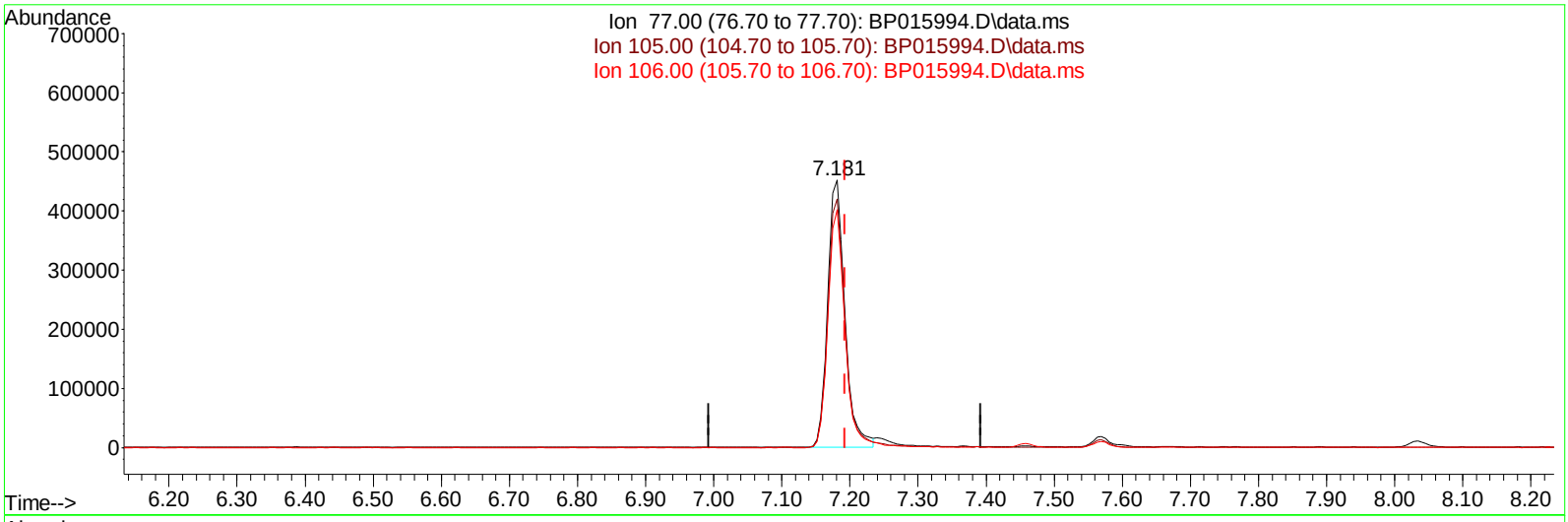
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015994.D
Acq On : 05 Jul 2023 01:52
Operator : MA/JU
Sample : PB153768BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

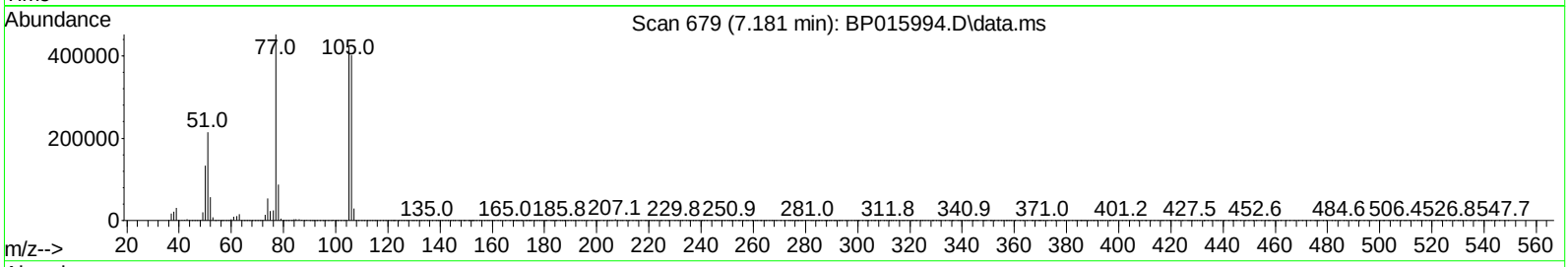
Quant Time: Jul 05 03:35:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

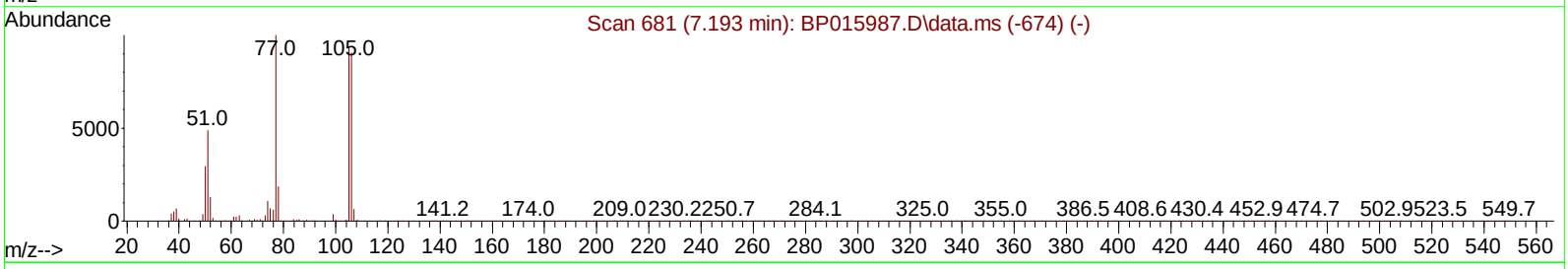
Instrument :
BNA_P
ClientSampleId :
SLCS768

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023







TIC: BP015994.D\data.ms

(6) Benzaldehyde

7.181min (-0.011) 52.53 ng/ul

response 787131

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	93.12
106.00	83.30	88.89
0.00	0.00	0.00

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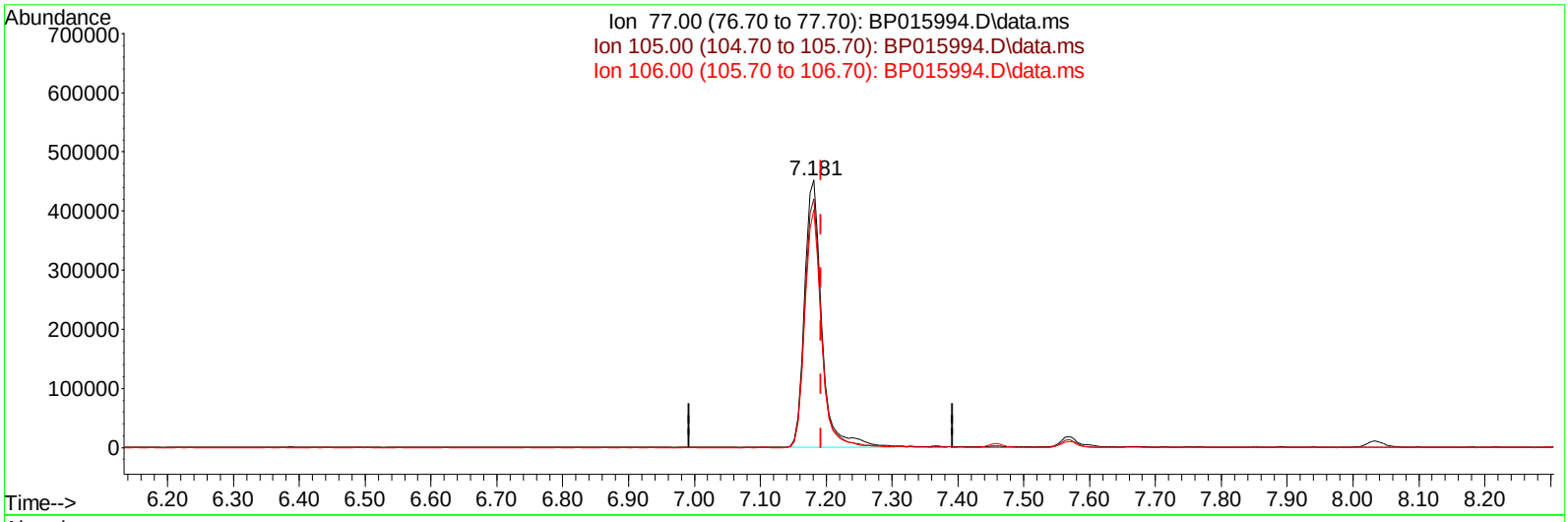

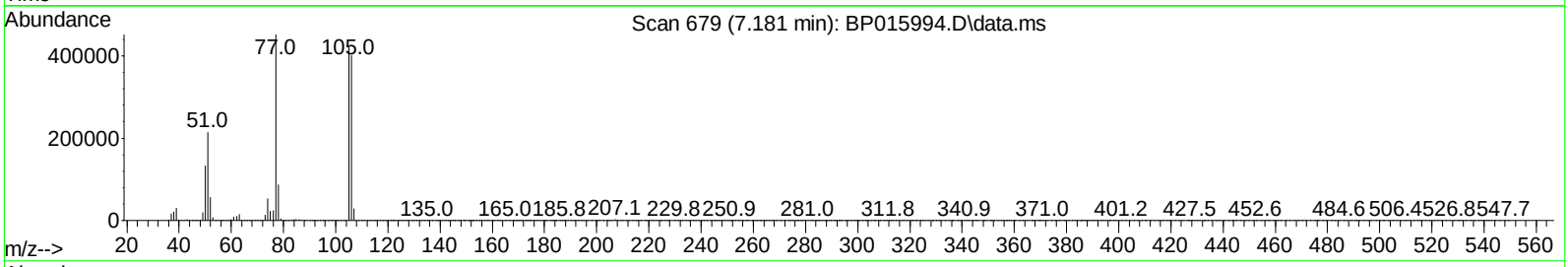

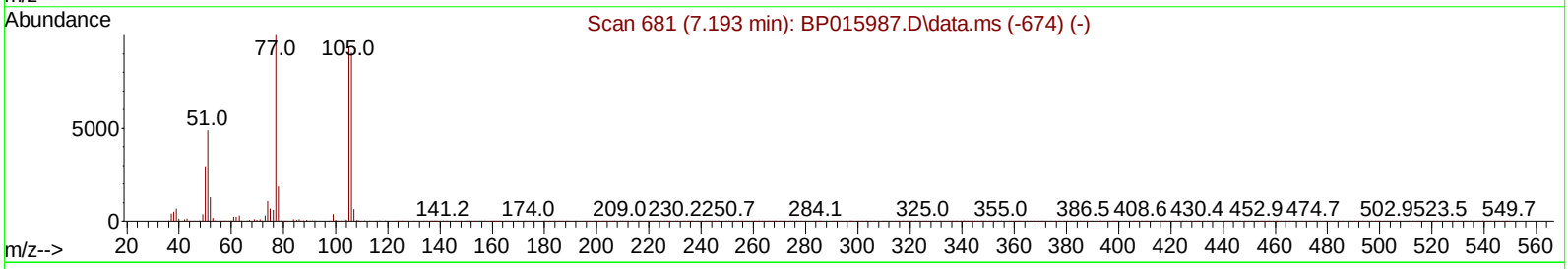

TIC: BP015994.D\data.ms

(6) Benzaldehyde

7.181min (-0.011) 54.64 ng/ul m

response 818693

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	93.12
106.00	83.30	88.89
0.00	0.00	0.00

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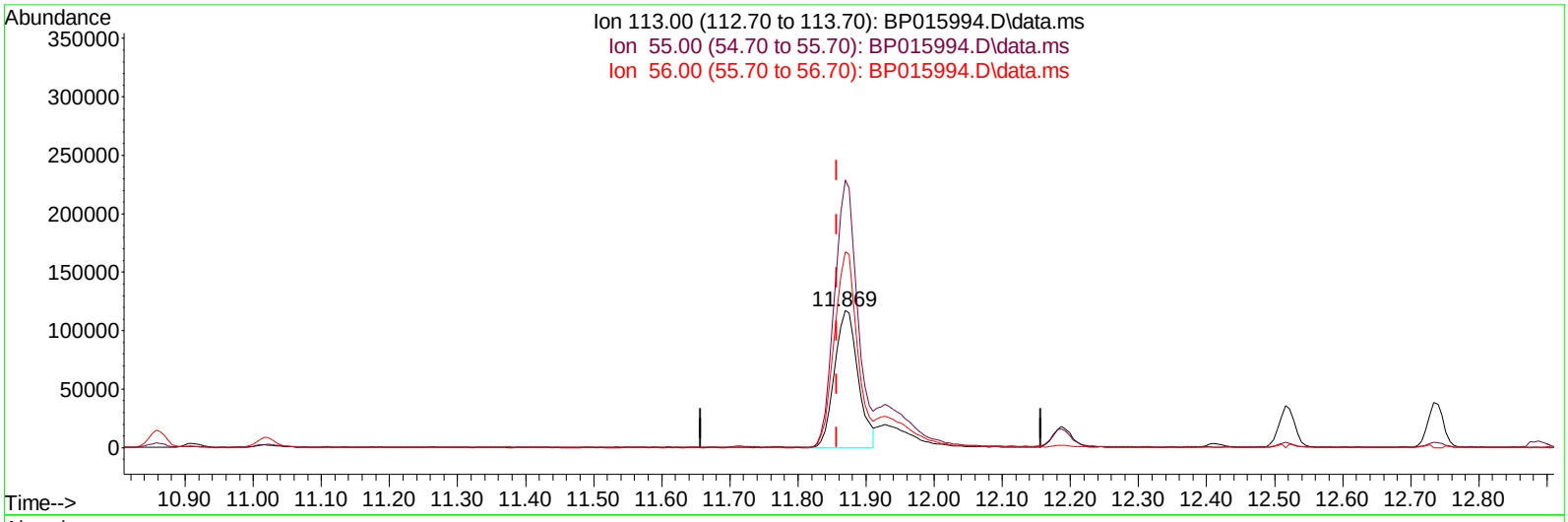

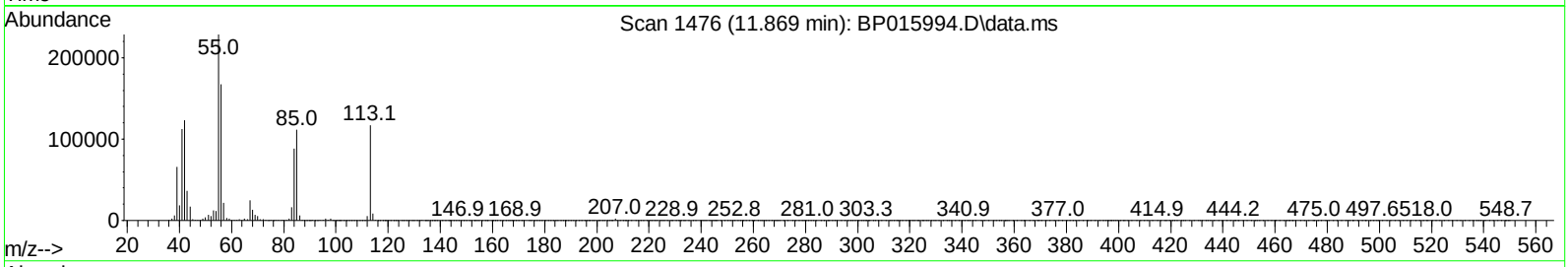

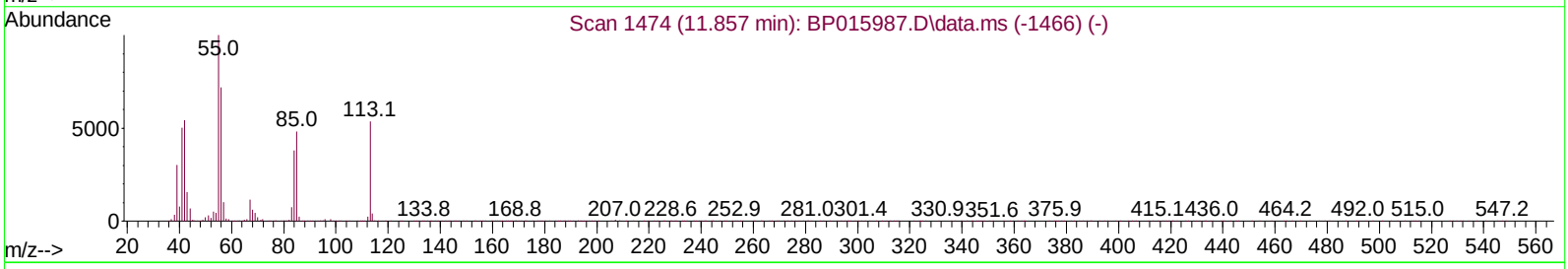

TIC: BP015994.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 30.46 ng/ul

response 281203

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	195.10
56.00	146.10	142.75
0.00	0.00	0.00

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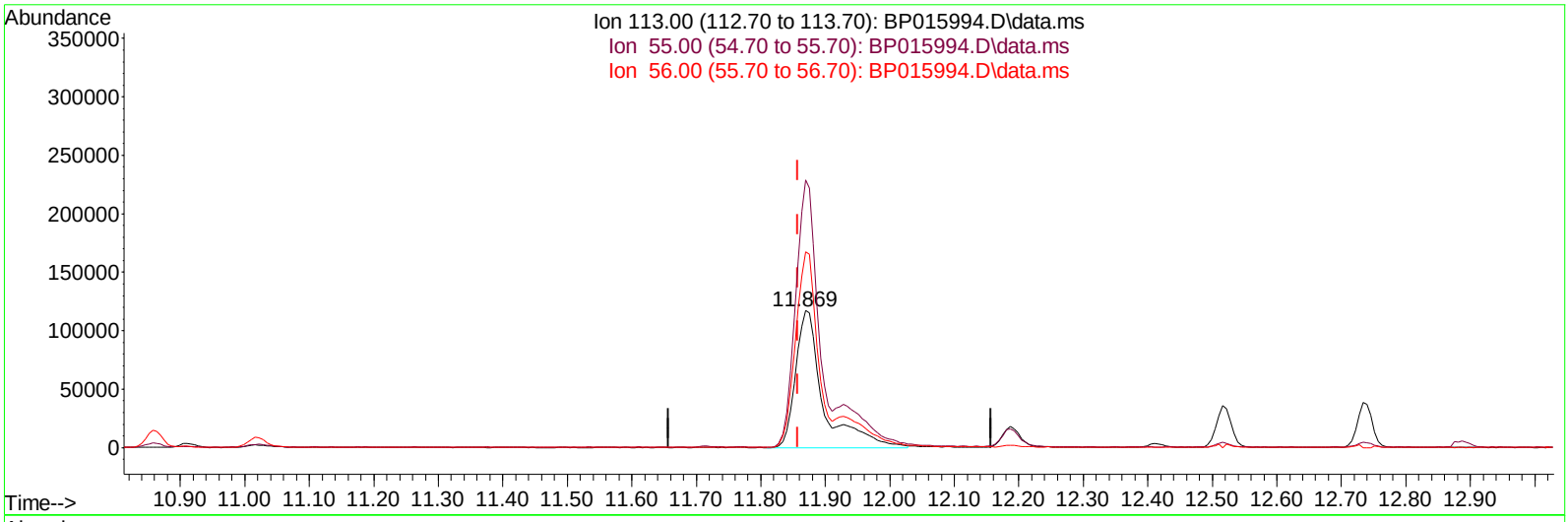

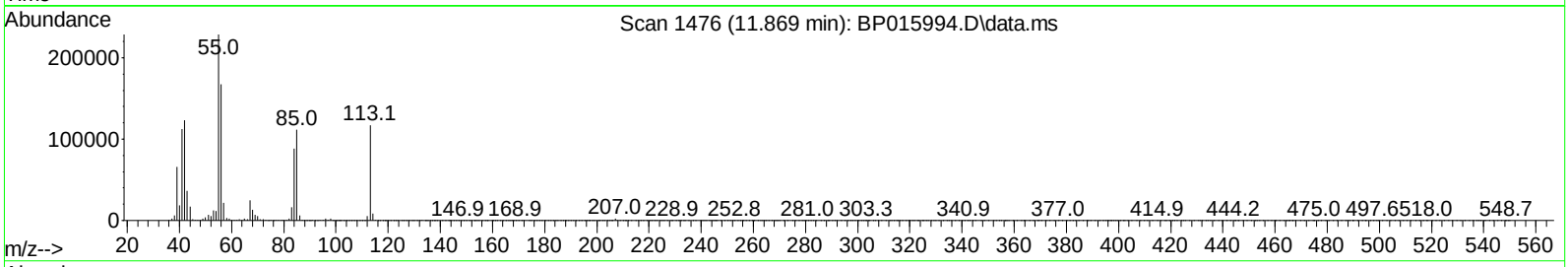

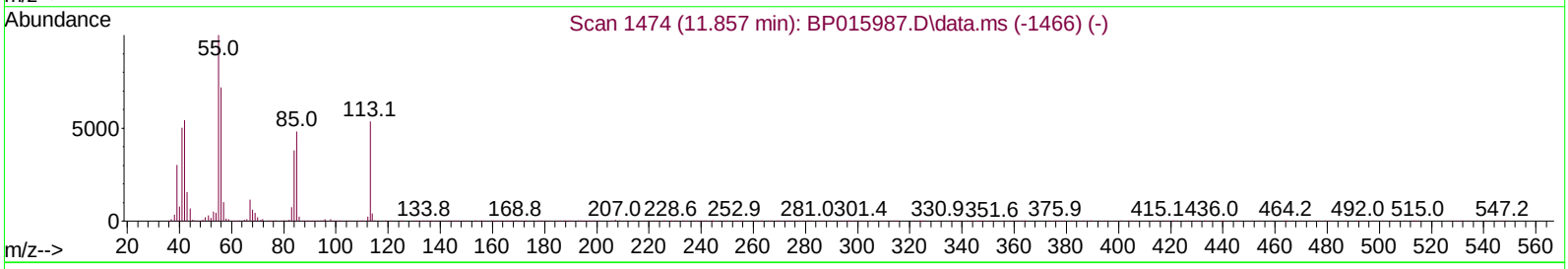

TIC: BP015994.D\data.ms

(34) Caprolactam

11.869min (+ 0.012) 38.08 ng/ul m

response 351471

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	195.10
56.00	146.10	142.75
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	433162	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.863	136	1909699	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	1117381	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.451	188	2211847	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1435564	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1574829	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	65107	5.408	ng/uL	0.00
4) Pyridine-d5	3.805	84	952019	31.369	ng/ul	-0.01
7) Phenol-d5	7.216	99	1302217	35.136	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	844816	36.844	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	1011373	36.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	1015407	34.681	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	506962	34.736	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.951	143	573500	33.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	987102	32.520	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.016	131	1312036	33.648	ng/ul	-0.01
46) Dimethylphthalate-d6	14.098	166	2884630	33.400	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	3250283	33.478	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	345940	30.353	ng/ul	0.00
60) Fluorene-d10	15.686	176	2327185	32.725	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	386527	28.416	ng/ul	0.00
73) Anthracene-d10	17.551	188	3243535	32.104	ng/ul	0.00
81) Pyrene-d10	19.780	212	3265733	34.838	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2818847	35.483	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	142700	11.014	ng/uL	98
5) Pyridine	3.828	79	988011	31.119	ng/ul	94
6) Benzaldehyde	7.181	77	818693m	54.637	ng/ul	
8) Phenol	7.246	94	1440884	37.464	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.457	93	1137777	37.182	ng/ul	98
12) 2-Chlorophenol	7.599	128	1066676	35.887	ng/ul	97
13) 2-Methylphenol	8.505	108	1050966	36.193	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	1687053	40.365	ng/ul	98
16) Acetophenone	8.881	105	1723564	35.811	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.863	70	943348	35.290	ng/ul	99
18) 4-Methylphenol	8.840	108	1134557	36.364	ng/ul	99
19) Hexachloroethane	9.110	117	451520	32.891	ng/ul	92
22) Nitrobenzene	9.269	77	1402305	34.215	ng/ul	96
23) Isophorone	9.793	82	2675293	34.110	ng/ul	98
25) 2-Nitrophenol	9.981	139	623405	34.485	ng/ul	91
26) 2,4-Dimethylphenol	10.046	107	949656	23.897	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.269	93	1585700	35.815	ng/ul	99
29) 2,4-Dichlorophenol	10.528	162	1021631	33.854	ng/ul	99
30) Naphthalene	10.910	128	3409959	32.846	ng/ul	99
32) 4-Chloroaniline	11.046	127	1200477	29.633	ng/ul	99
33) Hexachlorobutadiene	11.175	225	635125	27.869	ng/ul	99
34) Caprolactam	11.869	113	351471m	38.076	ng/ul	
35) 4-Chloro-3-methylphenol	12.187	107	1183711	33.510	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	2244180	32.838	ng/ul	97
37) 1-Methylnaphthalene	12.740	142	2245536	32.209	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.887	216	1186902	32.234	ng/ul	100
40) Hexachlorocyclopentadiene	12.845	237	115860	10.518	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	781494	33.583	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	866458	35.104	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	2990283	33.787	ng/ul	98
44) 2-Chloronaphthalene	13.569	162	2345312	33.639	ng/ul	99
45) 2-Nitroaniline	13.798	65	840732	38.323	ng/ul	96
47) Dimethylphthalate	14.145	163	2949044	32.994	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	648867	35.789	ng/ul	100
50) Acenaphthylene	14.416	152	3591156	33.570	ng/ul	100
51) 3-Nitroaniline	14.634	138	639992	45.014	ng/ul	93
52) Acenaphthene	14.751	153	2477314	33.396	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	244801	25.450	ng/ul	85
55) 4-Nitrophenol	14.969	109	274562	23.247	ng/ul	82
56) Dibenzofuran	15.092	168	3314542	32.187	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	851311	34.457	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.334	232	663136	31.279	ng/ul	99
59) Diethylphthalate	15.504	149	3039868	33.609	ng/ul	98
61) Fluorene	15.745	166	2707889	32.420	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.728	204	1338314	31.313	ng/ul	95
63) 4-Nitroaniline	15.810	138	576056	59.199	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.869	198	398957	28.988	ng/ul	98
67) N-Nitrosodiphenylamine	15.951	169	2293169	34.632	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	840005	33.257	ng/ul	92
69) Hexachlorobenzene	16.751	284	942836	31.636	ng/ul	96
70) Atrazine	16.910	200	621624	24.525	ng/ul	98
71) Pentachlorophenol	17.116	266	440118	30.769	ng/ul	97
72) Phenanthrene	17.498	178	4020540	33.460	ng/ul	100
74) Anthracene	17.586	178	3950649	32.720	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	1211586	33.663	ng/uL	99
76) Pentachlorobenzene	15.016	250	2519776	69.368	ng/uL	100
77) Carbazole	17.869	167	3545336	34.838	ng/ul	99
78) Di-n-butylphthalate	18.380	149	5228266	38.753	ng/ul	99
80) Fluoranthene	19.457	202	4131323	35.462	ng/ul#	94
82) Pyrene	19.810	202	4092934	34.441	ng/ul#	90
83) Butylbenzylphthalate	20.657	149	2023144	41.729	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	1137085	35.039	ng/ul	99
85) Benzo(a)anthracene	21.527	228	3444134	34.105	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	2974777	44.647	ng/ul	98
87) Chrysene	21.586	228	3268877	34.118	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	4570903	39.716	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	3587920	35.457	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	3393364	33.191	ng/ul#	97
93) Benzo(a)pyrene	23.974	252	3103894	35.105	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.792	276	4190093	34.909	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.792	278	3478214	35.280	ng/ul#	96
96) Benzo(g,h,i)perylene	27.627	276	3470533	35.146	ng/ul#	96

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

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