Quantitation Report (Qedit)

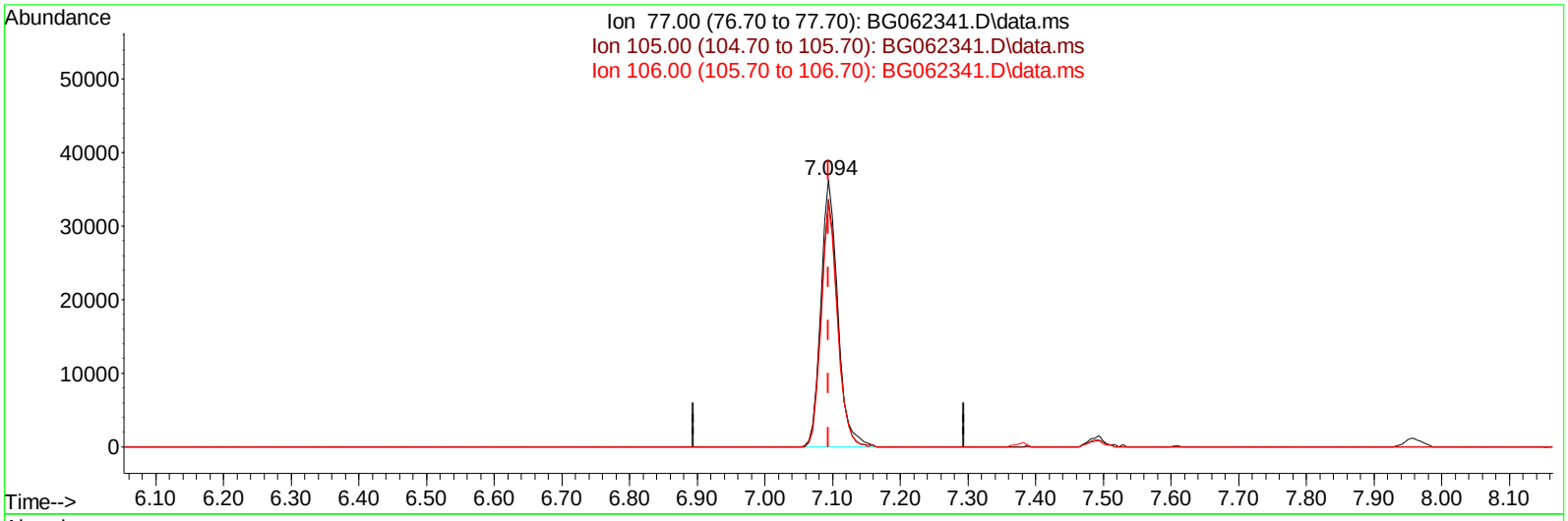
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
Data File : BG062341.D
Acq On : 9 Aug 2024 00:24
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

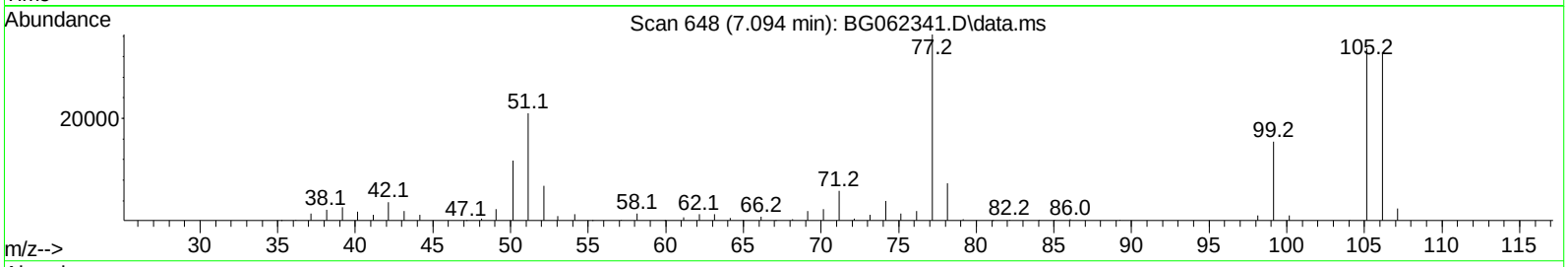
Quant Time: Aug 09 01:03:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

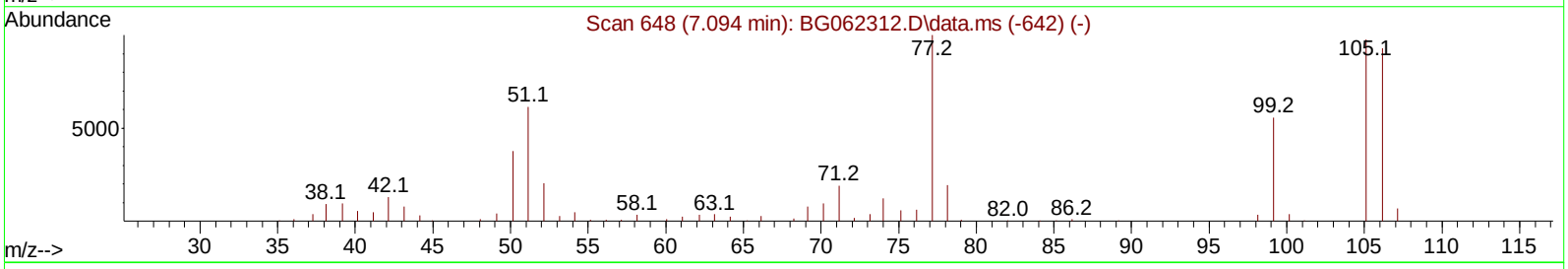
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BG062341.D\data.ms

(6) Benzaldehyde

7.094min (0.000) 22.26 ng/ul

response 63355

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	92.75
106.00	91.40	90.68
0.00	0.00	0.00

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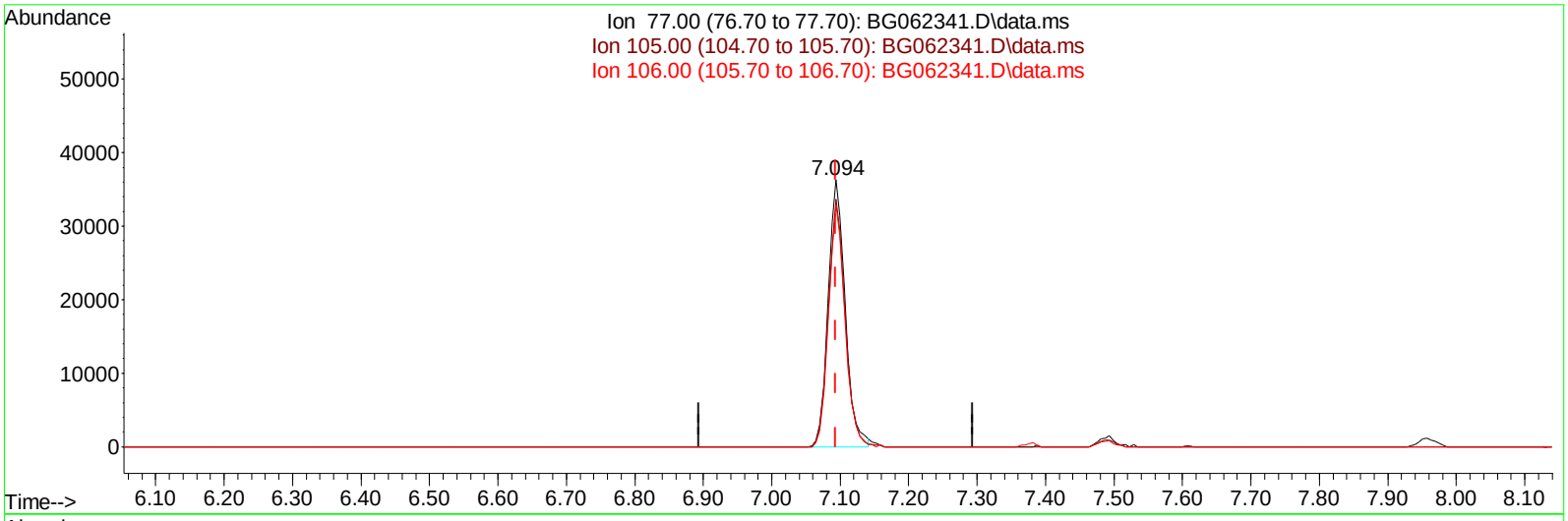

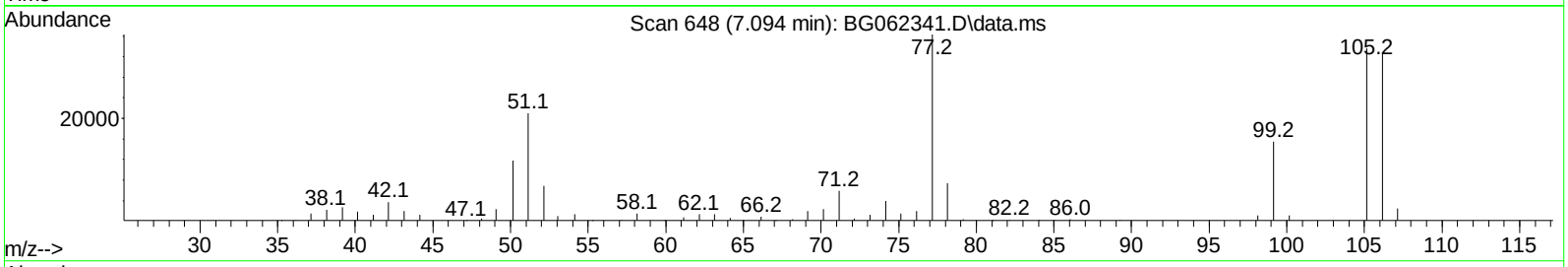

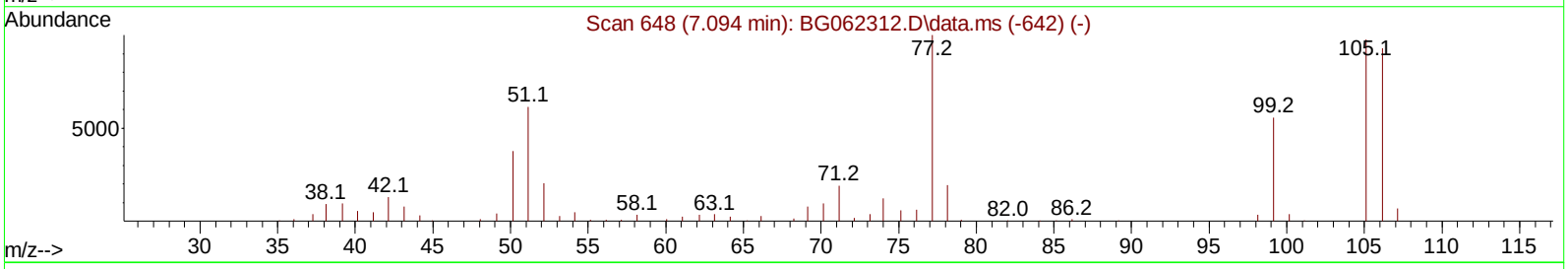

TIC: BG062341.D\data.ms

(6) Benzaldehyde

7.094min (0.000) 22.09 ng/ul m

response 62874

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	92.75
106.00	91.40	90.68
0.00	0.00	0.00

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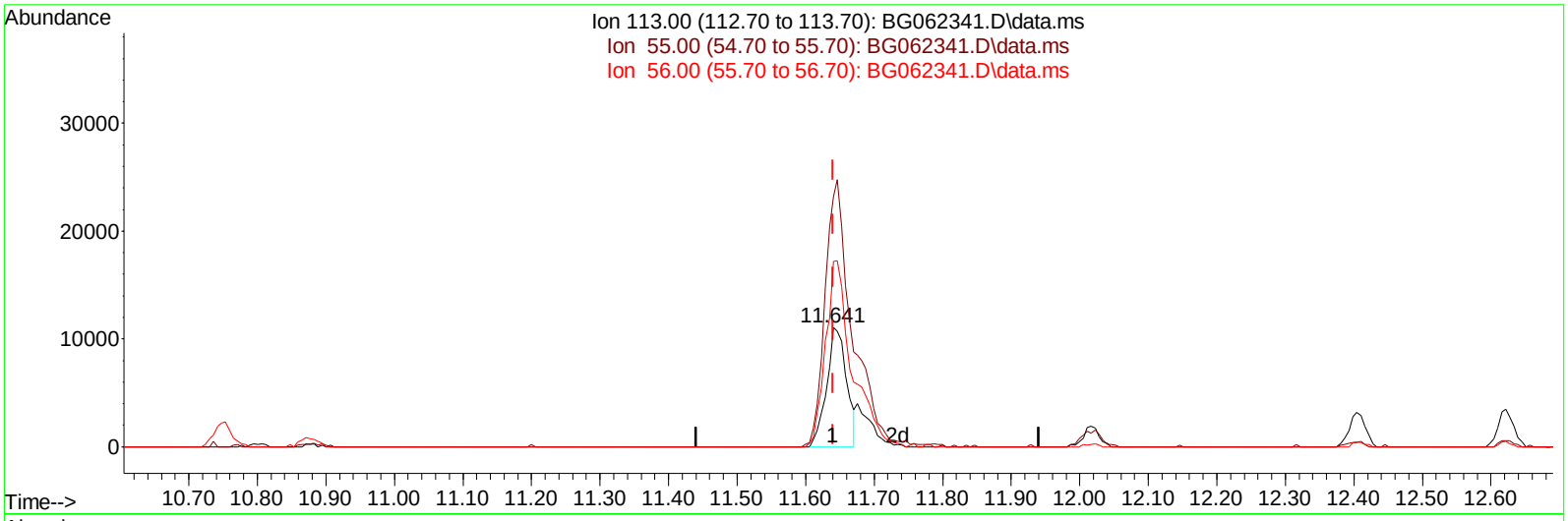

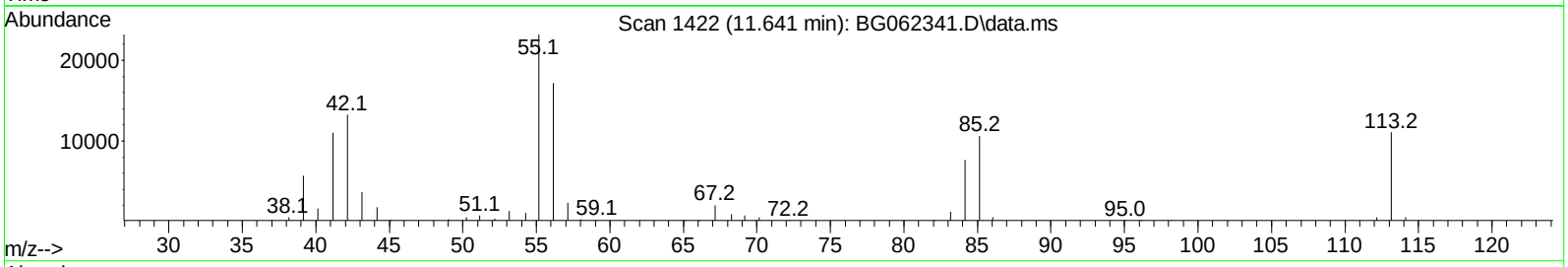

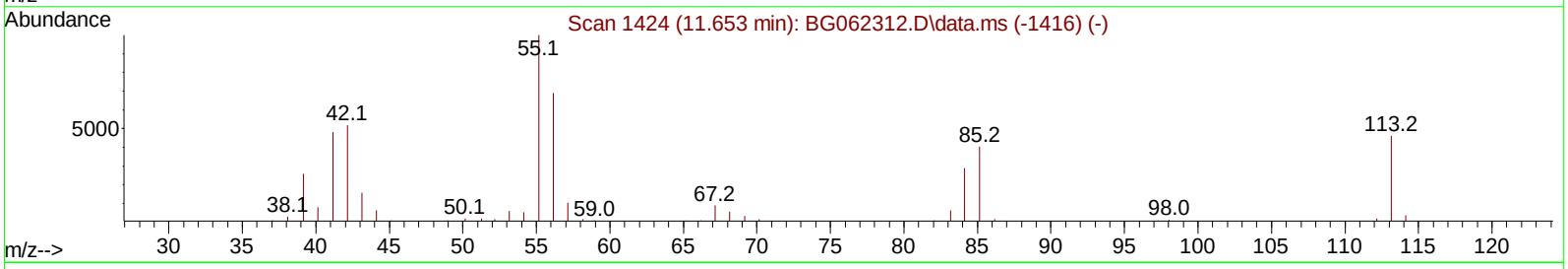

TIC: BG062341.D\data.ms

(34) Caprolactam

11.641min (0.000) 14.01 ng/ul

response 22347

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	209.47
56.00	156.80	155.42
0.00	0.00	0.00

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Instrument :
BNA_G
LabSampleId :
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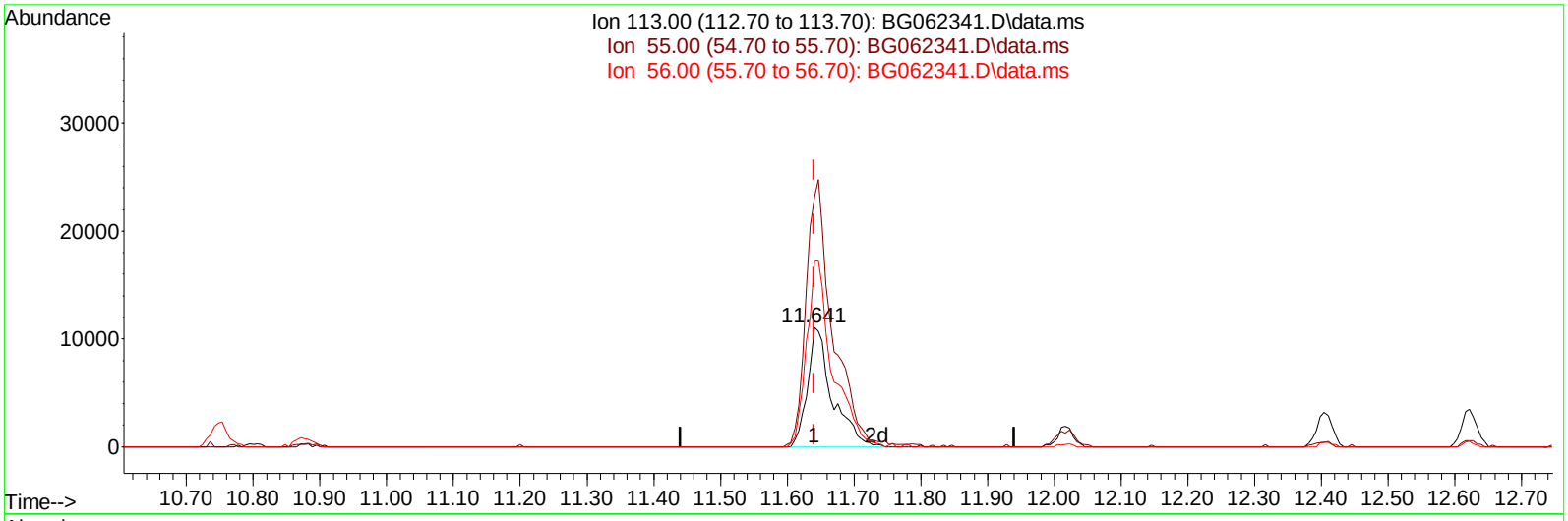

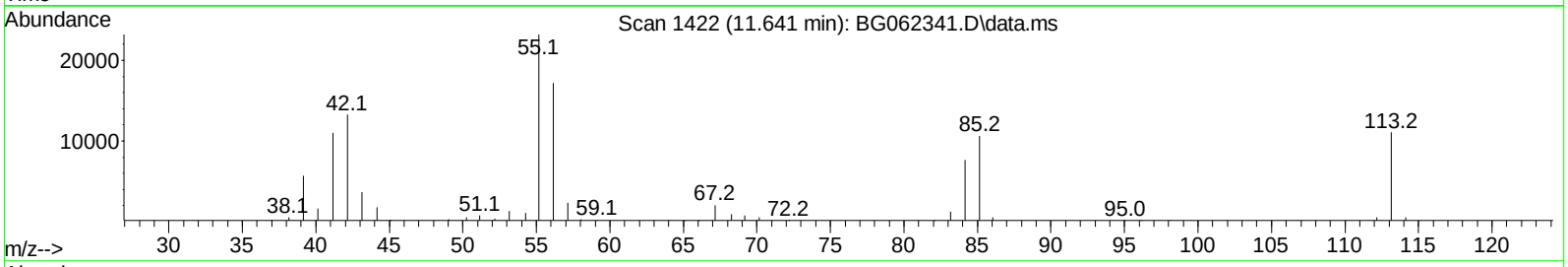

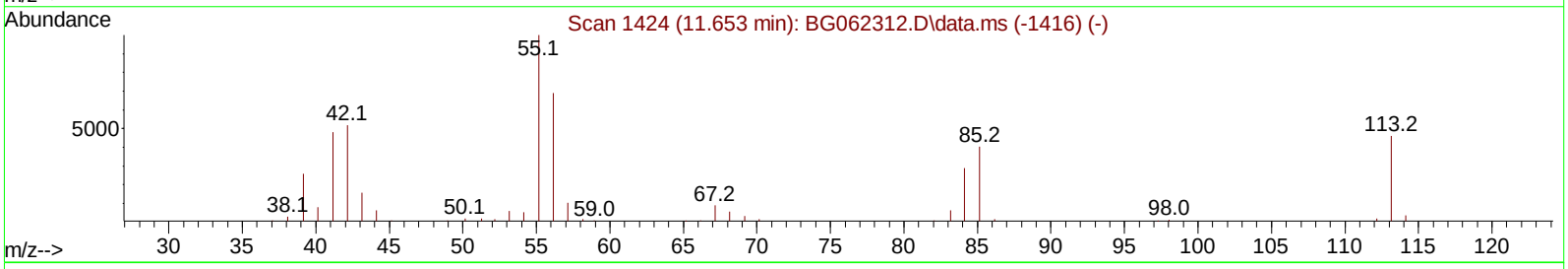

TIC: BG062341.D\data.ms

(34) Caprolactam

11.641min (0.000) 17.86 ng/ul m

response 28485

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	209.47
56.00	156.80	155.42
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	56415	20.000	ng/ul	0.00
20) Naphthalene-d8	10.754	136	267016	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.572	164	204366	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	442957	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	438048	20.000	ng/ul	0.00
88) Perylene-d12	24.635	264	504808	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	8935	6.829	ng/uL	0.00
4) Pyridine-d5	3.828	84	73430	17.840	ng/ul	0.00
7) Phenol-d5	7.111	99	100784	18.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	62261	18.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	75962	19.690	ng/ul	0.00
15) 4-Methylphenol-d8	8.650	113	83016	18.509	ng/ul	0.00
21) Nitrobenzene-d5	9.109	128	37917	23.029	ng/ul	0.00
24) 2-Nitrophenol-d4	9.831	143	40057	25.863	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	90300	20.073	ng/ul	0.00
31) 4-Chloroaniline-d4	10.877	131	117593	18.023	ng/ul	0.00
46) Dimethylphthalate-d6	13.984	166	271854	17.241	ng/ul	0.00
49) Acenaphthylene-d8	14.266	160	321182	17.966	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	44008	19.936	ng/ul	0.00
60) Fluorene-d10	15.565	176	252795	17.862	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.676	200	35892	27.360	ng/ul	0.00
73) Anthracene-d10	17.409	188	387853	18.154	ng/ul	0.00
81) Pyrene-d10	19.694	212	461543	17.727	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.423	264	486835	18.040	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	9620	6.513	ng/uL	96
5) Pyridine	3.845	79	78345	18.312	ng/ul	97
6) Benzaldehyde	7.094	77	62874m	22.094	ng/ul	
8) Phenol	7.141	94	107922	18.994	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.376	93	77172	18.327	ng/ul	97
12) 2-Chlorophenol	7.523	128	77995	19.029	ng/ul	95
13) 2-Methylphenol	8.392	108	79903	18.651	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.474	45	160744	18.684	ng/ul	99
16) Acetophenone	8.774	105	131261	18.377	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.762	70	69376	18.277	ng/ul	98
18) 4-Methylphenol	8.715	108	88702	18.489	ng/ul	95
19) Hexachloroethane	9.038	117	29801	19.564	ng/ul	98
22) Nitrobenzene	9.150	77	98144	20.961	ng/ul	99
23) Isophorone	9.673	82	195279	17.337	ng/ul	99
25) 2-Nitrophenol	9.861	139	44583	23.731	ng/ul	92
26) 2,4-Dimethylphenol	9.919	107	96142	17.879	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.154	93	112650	17.734	ng/ul	99
29) 2,4-Dichlorophenol	10.395	162	92347	20.255	ng/ul	99
30) Naphthalene	10.801	128	281296	18.534	ng/ul	98
32) 4-Chloroaniline	10.900	127	115213	18.066	ng/ul	95
33) Hexachlorobutadiene	11.094	225	62020	17.973	ng/ul	97
34) Caprolactam	11.641	113	28485m	17.861	ng/ul	
35) 4-Chloro-3-methylphenol	12.017	107	100194	19.584	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	205204	19.625	ng/ul	99
37) 1-Methylnaphthalene	12.622	142	208047	19.204	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.768	216	129107	19.350	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	52350	20.189	ng/ul	98
41) 2,4,6-Trichlorophenol	13.003	196	79194	20.464	ng/ul	96
42) 2,4,5-Trichlorophenol	13.074	196	85031	20.394	ng/ul	98
43) 1,1'-Biphenyl	13.409	154	289747	18.713	ng/ul	99
44) 2-Chloronaphthalene	13.450	162	229652	19.088	ng/ul	99
45) 2-Nitroaniline	13.644	65	68447	22.337	ng/ul	94
47) Dimethylphthalate	14.031	163	278448	17.603	ng/ul	99
48) 2,6-Dinitrotoluene	14.143	165	52189	24.165	ng/ul	92
50) Acenaphthylene	14.296	152	338463	17.768	ng/ul	97
51) 3-Nitroaniline	14.466	138	51542	20.963	ng/ul#	95
52) Acenaphthene	14.636	153	251817	17.756	ng/ul	99
53) 2,4-Dinitrophenol	14.672	184	18634	21.699	ng/ul#	84
55) 4-Nitrophenol	14.766	109	36987	18.732	ng/ul	98
56) Dibenzofuran	14.971	168	358813	18.314	ng/ul	99
57) 2,4-Dinitrotoluene	14.924	165	75272	25.407	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.195	232	75800	20.189	ng/ul	96
59) Diethylphthalate	15.394	149	275552	17.252	ng/ul	98
61) Fluorene	15.623	166	274293	17.905	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.618	204	141596	17.927	ng/ul	98
63) 4-Nitroaniline	15.623	138	50198	21.185	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.688	198	40252	26.630	ng/ul	99
67) N-Nitrosodiphenylamine	15.823	169	242997	18.307	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	96173	19.056	ng/ul	95
69) Hexachlorobenzene	16.622	284	109146	18.591	ng/ul	97
70) Atrazine	16.775	200	93908	18.467	ng/ul	99
71) Pentachlorophenol	16.963	266	59846	19.359	ng/ul	99
72) Phenanthrene	17.356	178	443333	17.782	ng/ul	99
74) Anthracene	17.444	178	460287	17.988	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.373	216	133477	20.120	ng/ul	99
76) Pentachlorobenzene	14.895	250	132653	19.113	ng/ul	95
77) Carbazole	17.709	167	374096	17.827	ng/ul	99
78) Di-n-butylphthalate	18.284	149	449630	18.007	ng/ul	99
80) Fluoranthene	19.360	202	523035	17.766	ng/ul	97
82) Pyrene	19.724	202	558986	17.830	ng/ul	99
83) Butylbenzylphthalate	20.617	149	198006	18.299	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.451	252	198751	20.157	ng/ul	99
85) Benzo(a)anthracene	21.533	228	575168	17.929	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	300018	17.965	ng/ul	98
87) Chrysene	21.598	228	545696	18.019	ng/ul	99
89) Di-n-octyl phthalate	22.637	149	514664	17.898	ng/ul	100
90) Benzo(b)fluoranthene	23.665	252	544624	17.736	ng/ul	99
91) Benzo(k)fluoranthene	23.730	252	549952	17.604	ng/ul	99
93) Benzo(a)pyrene	24.494	252	513489	17.673	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.118	276	669370	17.778	ng/ul	98
95) Dibenzo(a,h)anthracene	28.189	278	538940	17.525	ng/ul	96
96) Benzo(g,h,i)perylene	29.199	276	502191	17.564	ng/ul	96

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

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