Quantitation Report (Qedit)

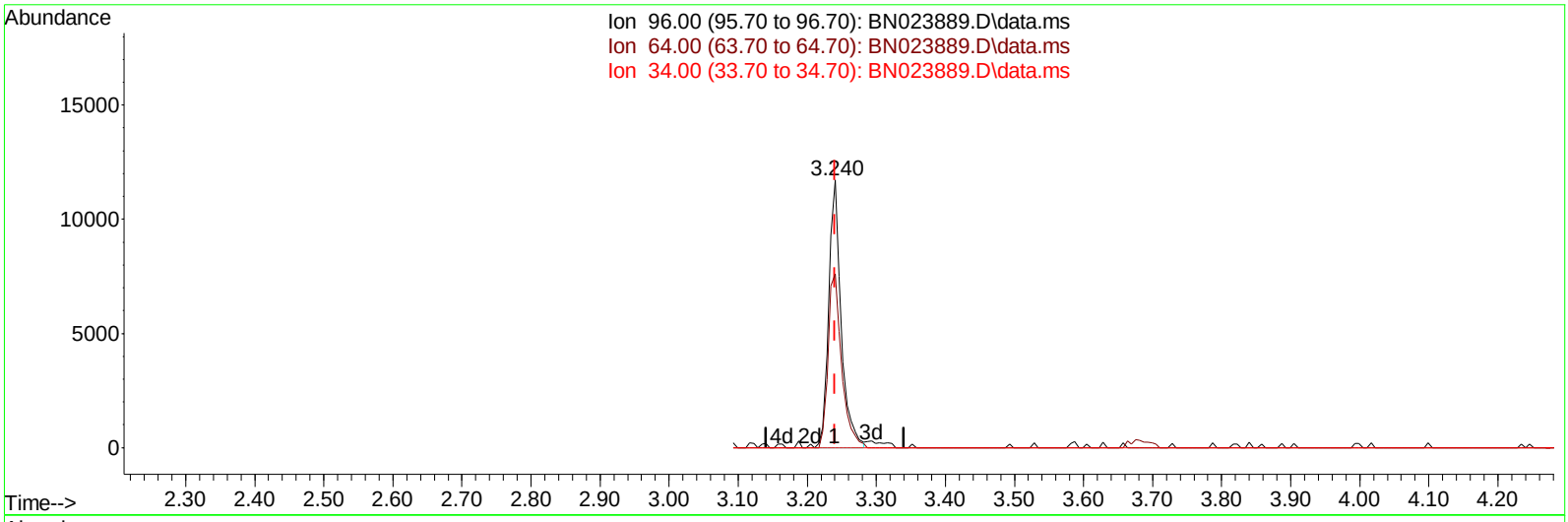
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020123\
Data File : BN023889.D
Acq On : 01 Feb 2023 14:22
Operator : CG/JU
Sample : SSTD01060
Misc :
ALS Vial : 3 Sample Multiplier: 1

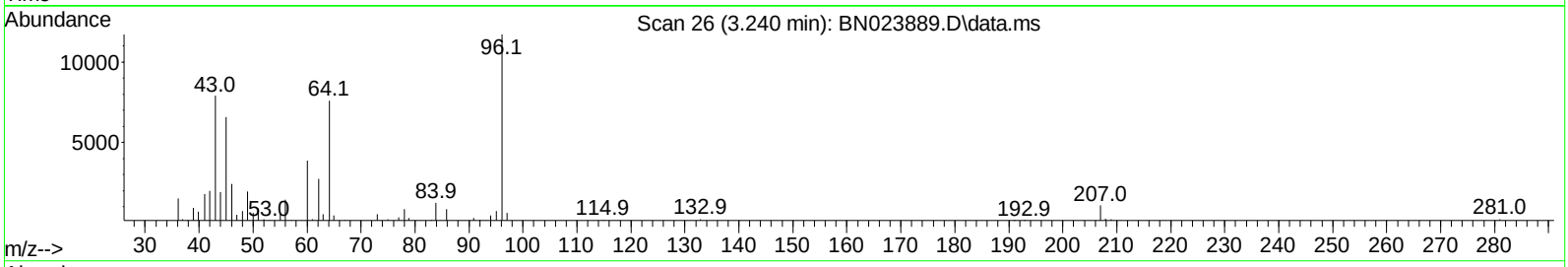
Quant Time: Feb 02 01:16:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 01:11:49 2023
Response via : Initial Calibration

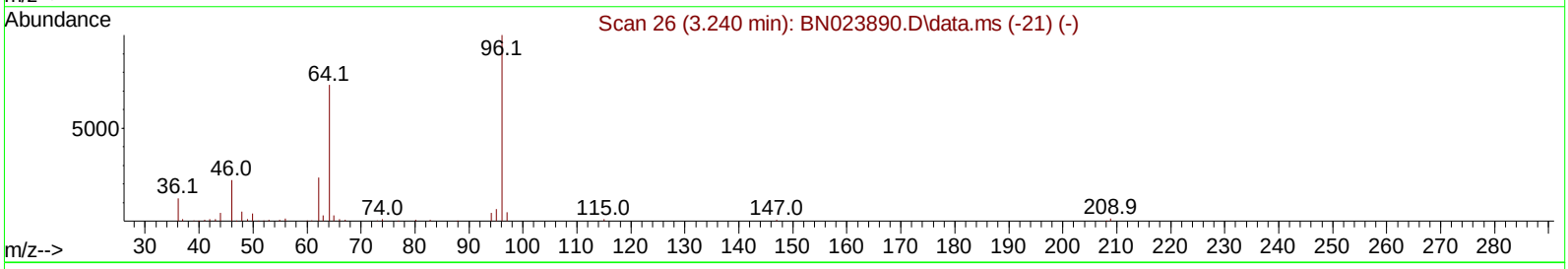
Instrument :
BNA_N
ClientSampleId :
SSTD010225

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
Supervised By :Yogesh Patel 02/02/2023







TIC: BN023889.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.240min (-0.000) 4.18 ng/uL

response 14715

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.10	64.89
34.00	0.00	0.00
0.00	0.00	0.00

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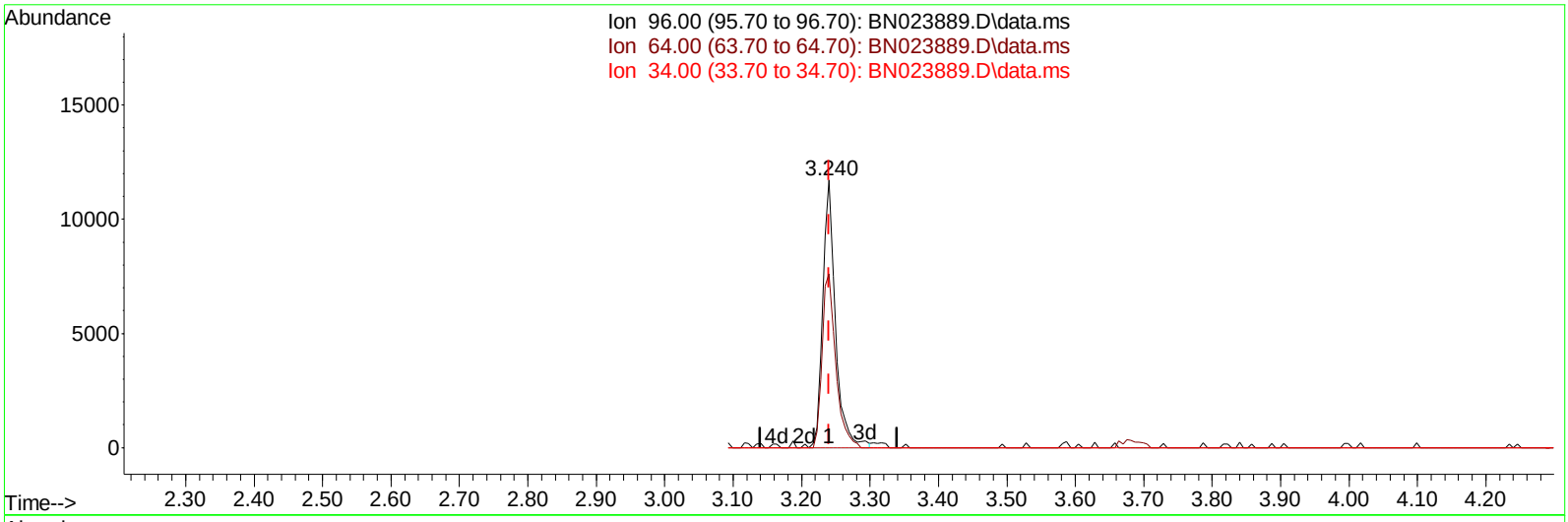

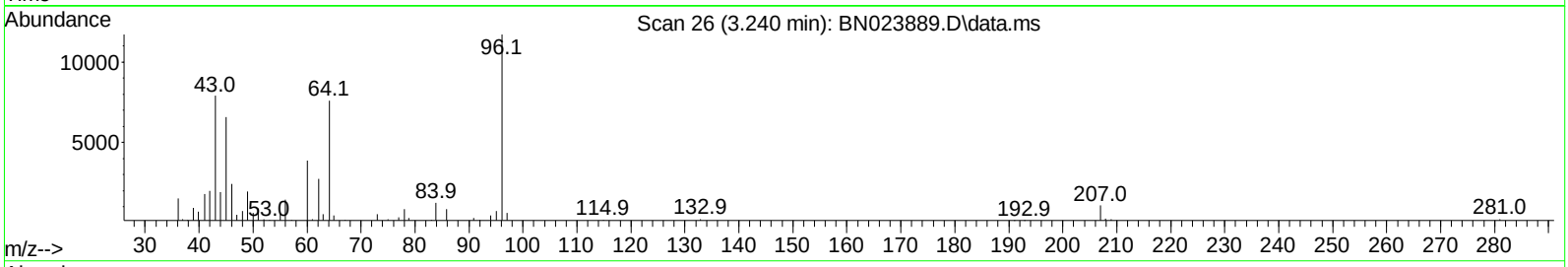

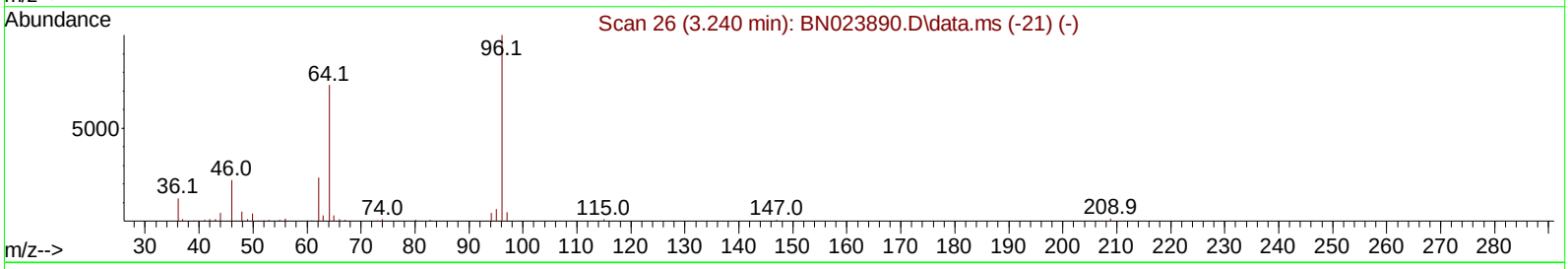

TIC: BN023889.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.240min (-0.000) 4.25 ng/uL m

response 14980

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.10	64.89
34.00	0.00	0.00
0.00	0.00	0.00

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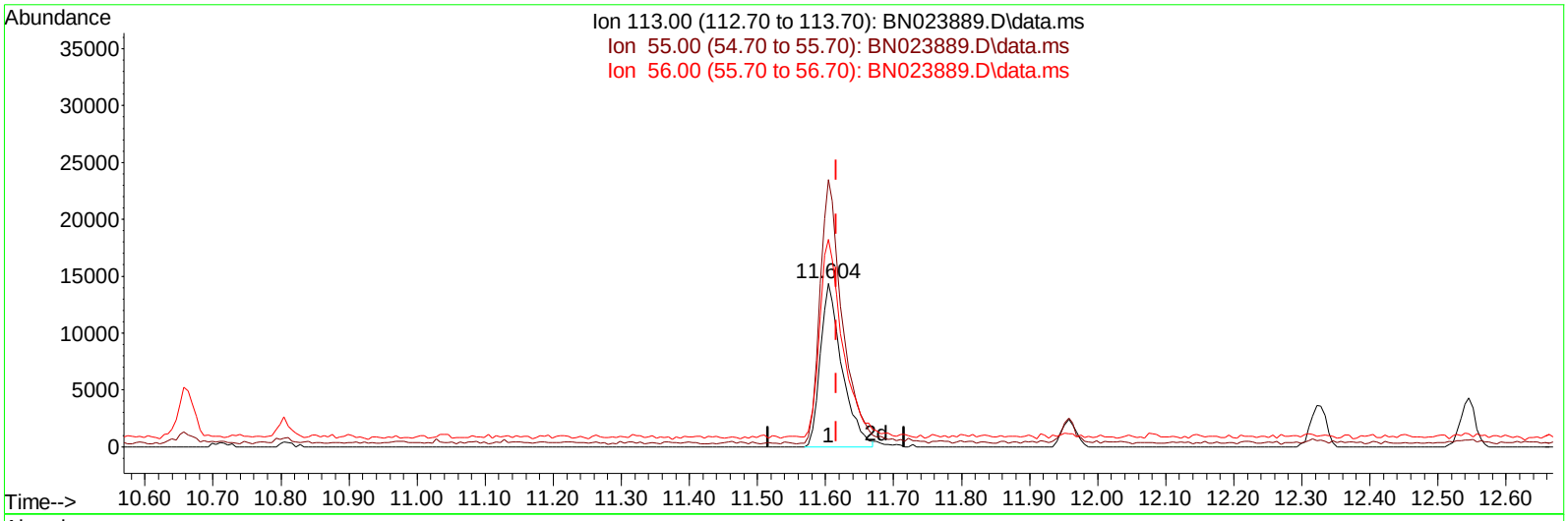

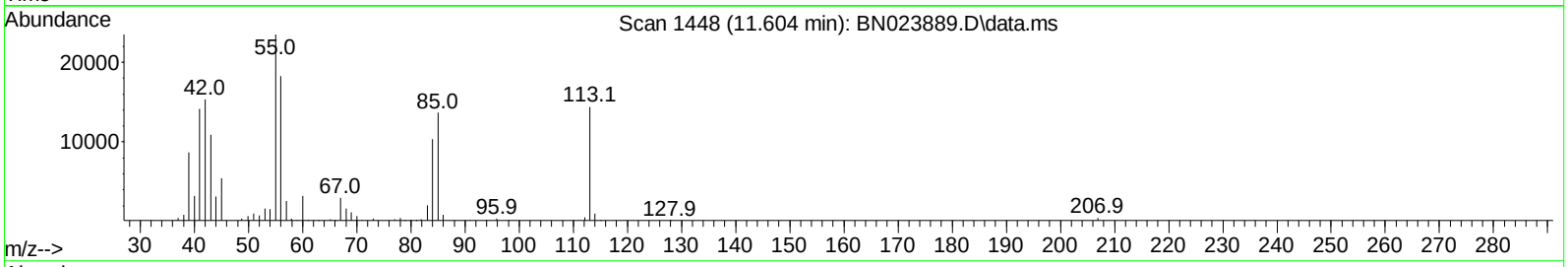

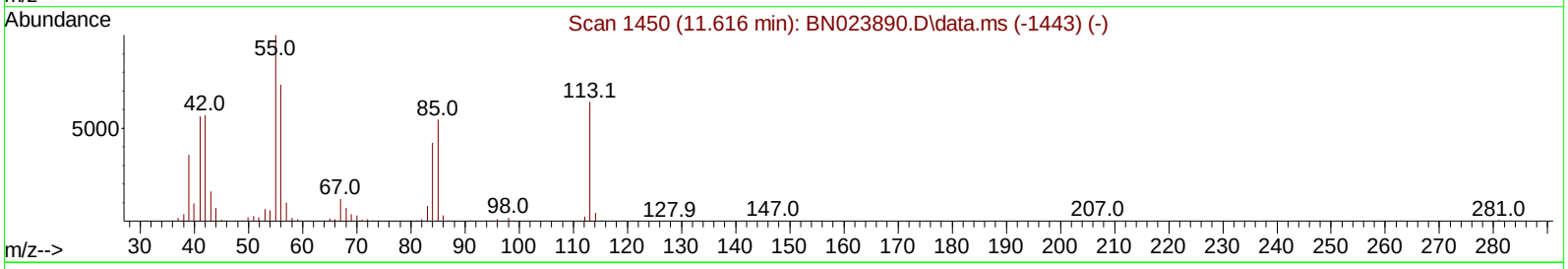

TIC: BN023889.D\data.ms

(34) Caprolactam

11.604min (-0.012) 10.07 ng/ul

response 31562

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.00	163.14
56.00	117.60	126.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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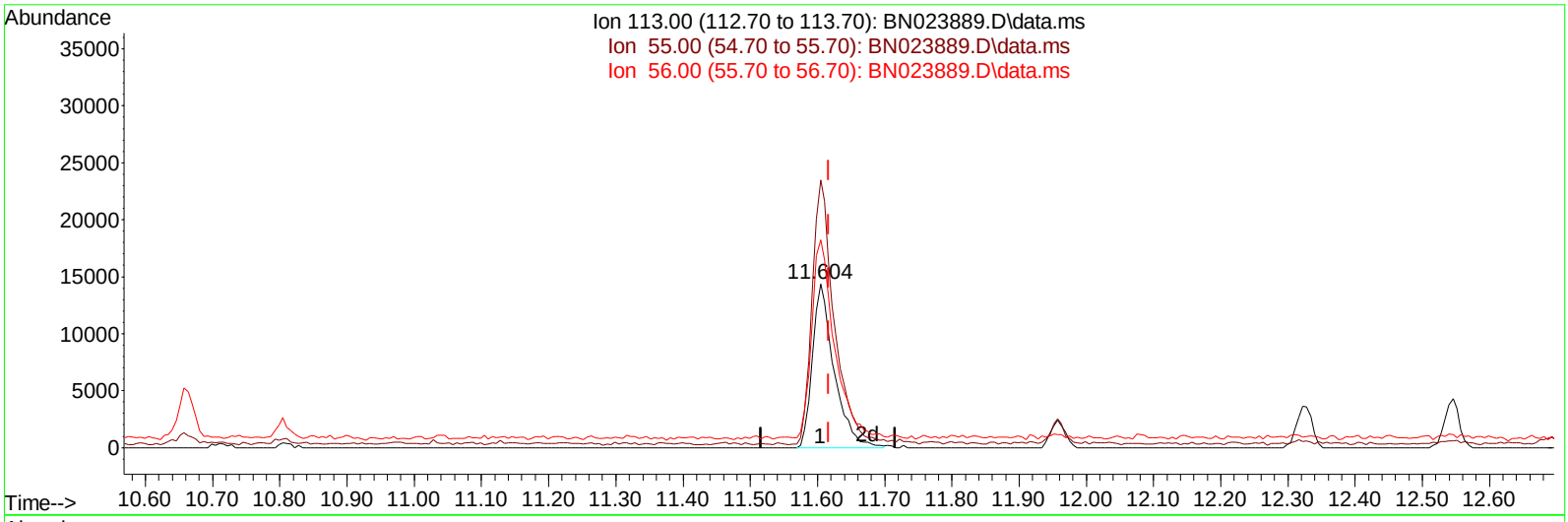

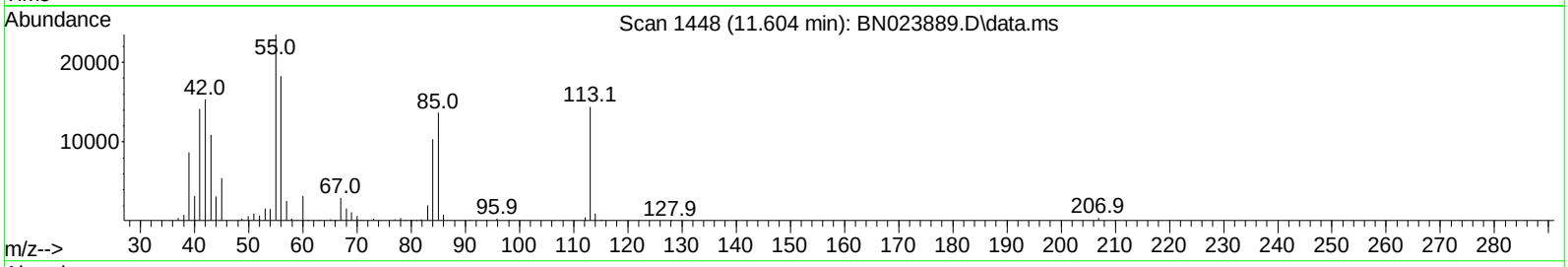

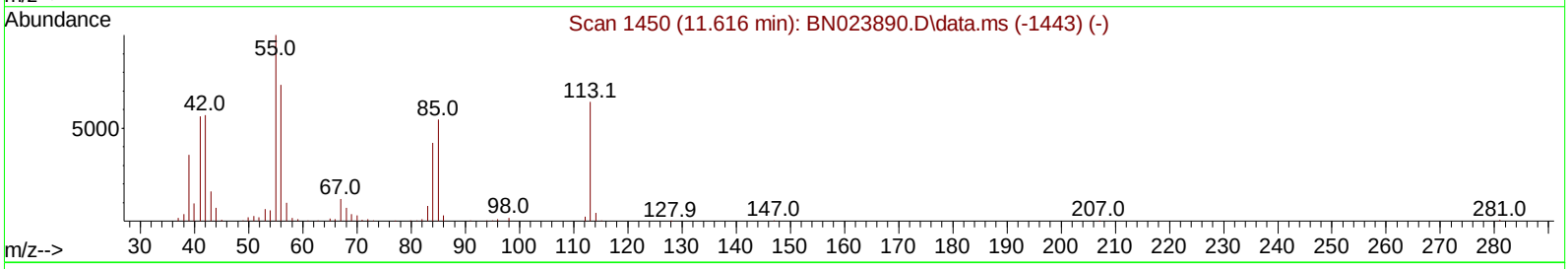

TIC: BN023889.D\data.ms

(34) Caprolactam

11.604min (-0.012) 10.23 ng/ul m

response 32052

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.00	163.14
56.00	117.60	126.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 01 Feb 2023 14:22
Operator : CG/JU
Sample : SSTD01060
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
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SSTD010225

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
Supervised By :Yogesh Patel 02/02/2023

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	143585	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	607253	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	408578	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	934058	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	932532	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	946381	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	14980m	4.253	ng/uL	0.00
4) Pyridine-d5	3.664	84	99560	10.016	ng/ul	0.00
7) Phenol-d5	7.022	99	122790	9.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	82396	10.398	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	98276	10.024	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	97813	9.834	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	49285	10.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	54104	9.651	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	105565	10.085	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	149971	10.502	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	332406	10.190	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	355605	10.078	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	57039	9.645	ng/ul	0.00
60) Fluorene-d10	15.498	176	281254	10.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	59215	8.959	ng/ul	0.00
73) Anthracene-d10	17.351	188	446688	10.272	ng/ul	0.00
81) Pyrene-d10	19.645	212	554602	9.796	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	497363	10.126	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	16245	4.433	ng/uL#	75
5) Pyridine	3.687	79	99755	9.988	ng/ul	99
6) Benzaldehyde	6.993	77	51890	9.517	ng/ul	94
8) Phenol	7.052	94	124431	9.872	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	105475	10.271	ng/ul	99
12) 2-Chlorophenol	7.416	128	100196	10.099	ng/ul	99
13) 2-Methylphenol	8.305	108	94812	9.914	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	138881	10.456	ng/ul	96
16) Acetophenone	8.681	105	159145	10.331	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.669	70	88622	10.480	ng/ul	99
18) 4-Methylphenol	8.634	108	103310	9.972	ng/ul	95
19) Hexachloroethane	8.934	117	43121	10.378	ng/ul	99
22) Nitrobenzene	9.063	77	125559	10.151	ng/ul	99
23) Isophorone	9.593	82	234813	10.059	ng/ul	98
25) 2-Nitrophenol	9.775	139	57445	9.868	ng/ul	97
26) 2,4-Dimethylphenol	9.840	107	117994	10.235	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.075	93	146971	10.305	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	102440	10.142	ng/ul	98
30) Naphthalene	10.710	128	341903	10.396	ng/ul	100
32) 4-Chloroaniline	10.828	127	150554	10.593	ng/ul	99
33) Hexachlorobutadiene	10.993	225	71542	10.107	ng/ul	95
34) Caprolactam	11.604	113	32052m	10.229	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	111880	10.333	ng/ul	98

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SSTD010225

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/02/2023
Supervised By :Yogesh Patel 02/02/2023

Quant Time: Feb 02 01:16:48 2023
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	230779	10.328	ng/ul	99
37) 1-Methylnaphthalene	12.546	142	237472	10.388	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.693	216	134842	9.605	ng/ul	96
40) Hexachlorocyclopentadiene	12.669	237	87812	8.688	ng/ul	94
41) 2,4,6-Trichlorophenol	12.940	196	92321	9.967	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	99556	9.923	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	328475	10.202	ng/ul	98
44) 2-Chloronaphthalene	13.381	162	251124	10.024	ng/ul	99
45) 2-Nitroaniline	13.593	65	74125	9.854	ng/ul	94
47) Dimethylphthalate	13.963	163	329675	10.184	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	61115	9.522	ng/ul	97
50) Acenaphthylene	14.228	152	387215	10.217	ng/ul	98
51) 3-Nitroaniline	14.416	138	54152	9.373	ng/ul	97
52) Acenaphthene	14.569	153	272392	10.354	ng/ul	98
53) 2,4-Dinitrophenol	14.622	184	37044	8.210	ng/ul	94
55) 4-Nitrophenol	14.728	109	49919	9.929	ng/ul	95
56) Dibenzofuran	14.904	168	386977	10.311	ng/ul	100
57) 2,4-Dinitrotoluene	14.875	165	91330	10.058	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.134	232	89884	10.046	ng/ul	97
59) Diethylphthalate	15.328	149	324914	10.101	ng/ul	98
61) Fluorene	15.551	166	321243	10.466	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.545	204	169273	10.512	ng/ul	99
63) 4-Nitroaniline	15.581	138	45934	9.240	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.634	198	58414	9.179	ng/ul#	95
67) N-Nitrosodiphenylamine	15.763	169	273398	10.137	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	112533	10.287	ng/ul	95
69) Hexachlorobenzene	16.557	284	130028	10.288	ng/ul	98
70) Atrazine	16.716	200	111577	10.296	ng/ul	98
71) Pentachlorophenol	16.904	266	76053	9.399	ng/ul	96
72) Phenanthrene	17.298	178	516096	10.259	ng/ul	99
74) Anthracene	17.386	178	518120	10.334	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	140694	9.790	ng/uL	95
76) Pentachlorobenzene	14.822	250	143059	9.982	ng/uL	95
77) Carbazole	17.663	167	467318	10.636	ng/ul	96
78) Di-n-butylphthalate	18.222	149	890943	9.461	ng/ul	99
80) Fluoranthene	19.310	202	633779	9.589	ng/ul	99
82) Pyrene	19.675	202	665051	9.892	ng/ul	99
83) Butylbenzylphthalate	20.580	149	273462	9.753	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.369	252	224975	10.272	ng/ul	99
85) Benzo(a)anthracene	21.427	228	678702	10.502	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.357	149	411534	9.949	ng/ul	97
87) Chrysene	21.480	228	632877	10.614	ng/ul	97
89) Di-n-octyl phthalate	22.286	149	676738	9.505	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	673744	10.323	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	619056	10.044	ng/ul	94
93) Benzo(a)pyrene	23.739	252	568899	10.360	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.321	276	665604	10.047	ng/ul	100
95) Dibenzo(a,h)anthracene	26.345	278	549013	10.018	ng/ul	98
96) Benzo(g,h,i)perylene	27.098	276	518448	9.937	ng/ul	97

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

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