Quantitation Report (Qedit)

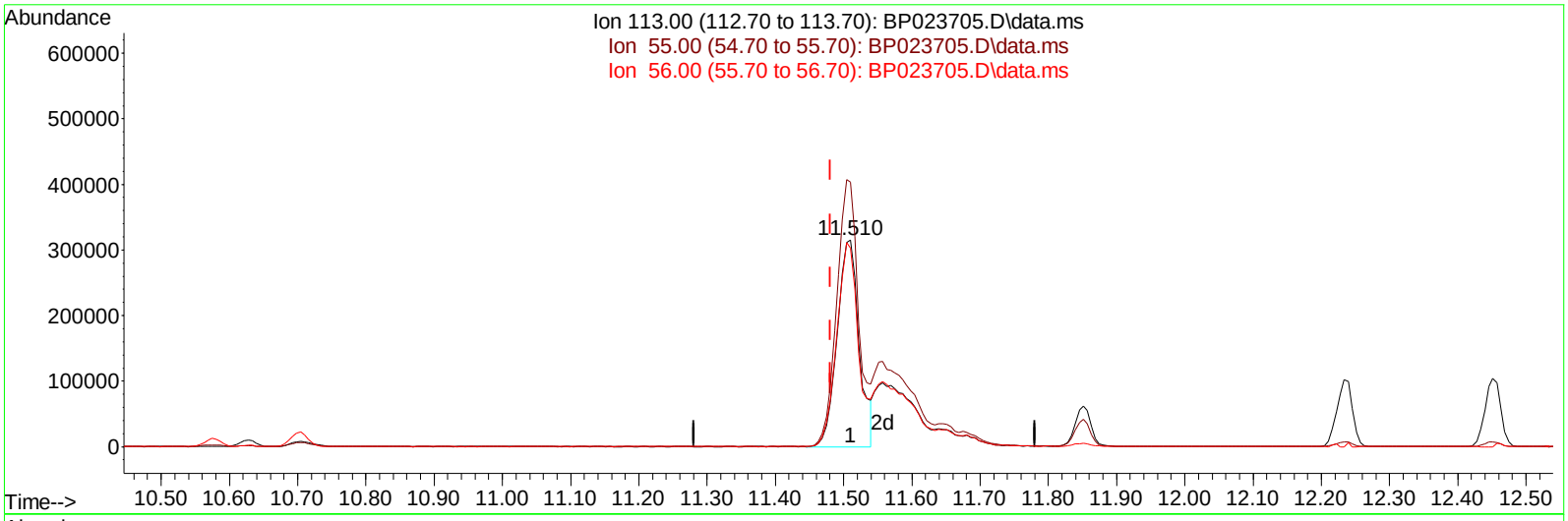
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
Data File : BP023705.D
Acq On : 22 Jan 2025 16:10
Operator : RC/JU
Sample : SSTD08077
Misc :
ALS Vial : 7 Sample Multiplier: 1

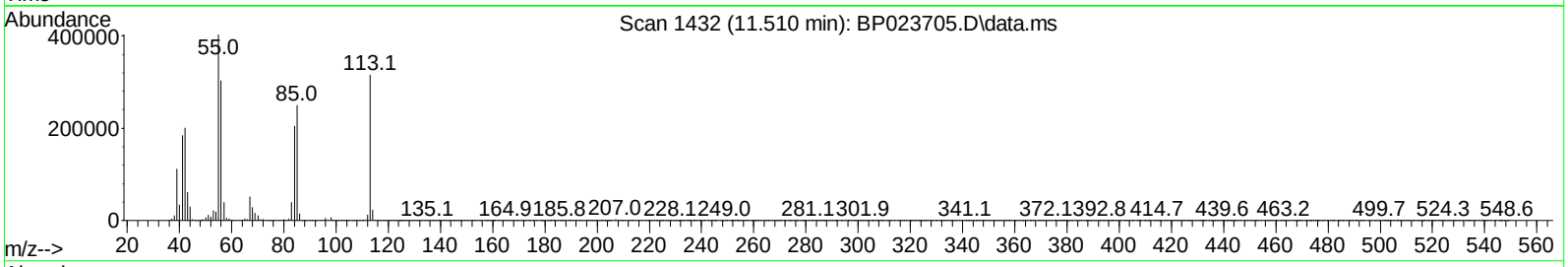
Quant Time: Jan 22 23:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 23:30:27 2025
Response via : Initial Calibration

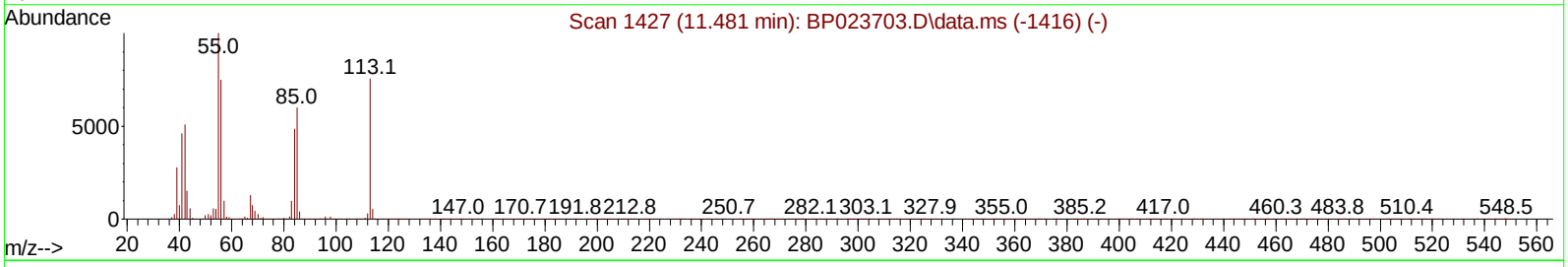
Instrument :
BNA_P
ClientSampleId :
SSTD080613

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/23/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BP023705.D\data.ms

(34) Caprolactam

11.510min (+ 0.029) 53.24 ng/ul

response 699757

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.20	127.91
56.00	99.10	96.10
0.00	0.00	0.00

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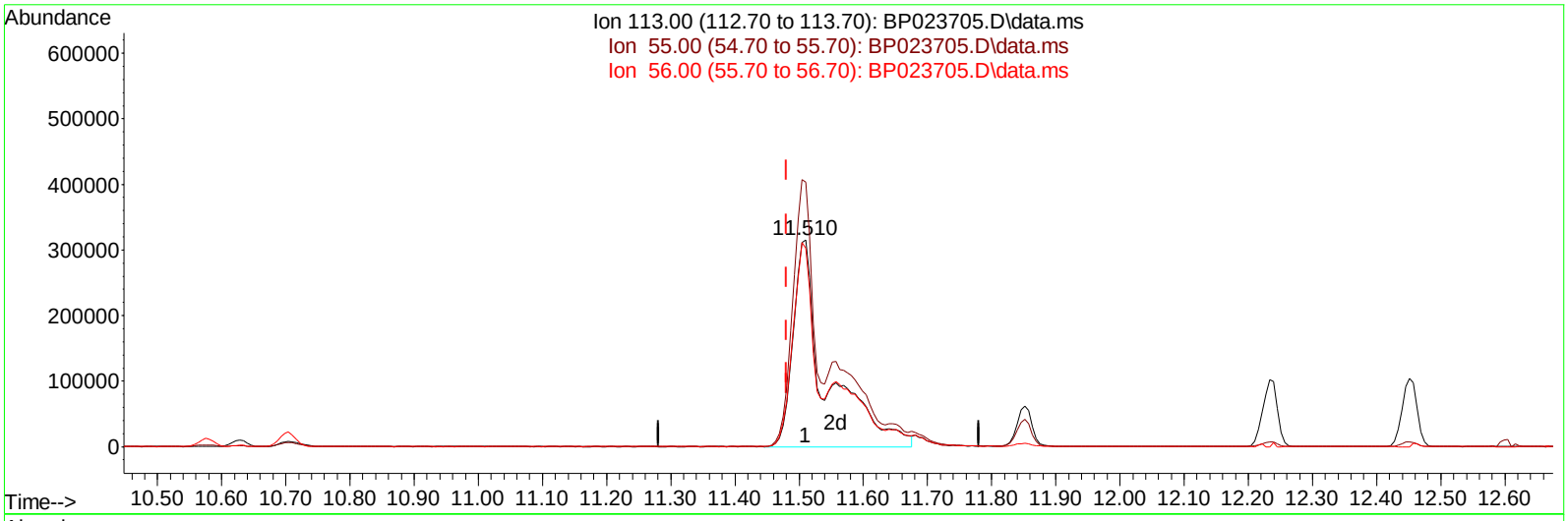

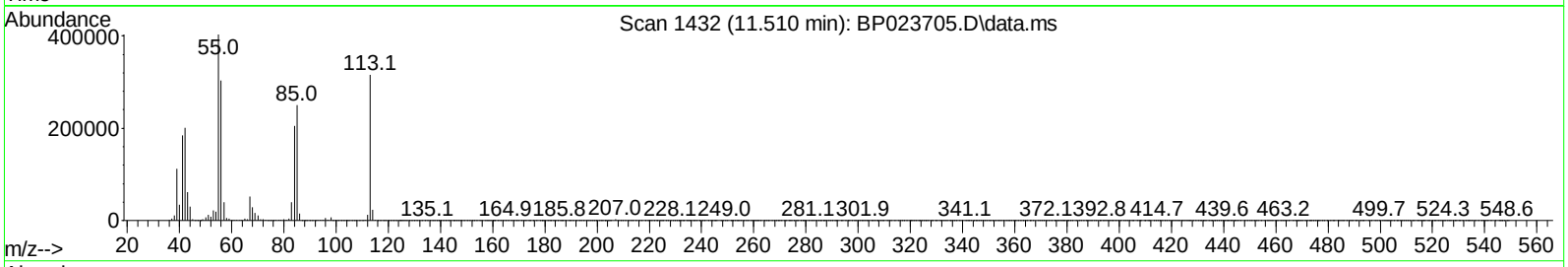

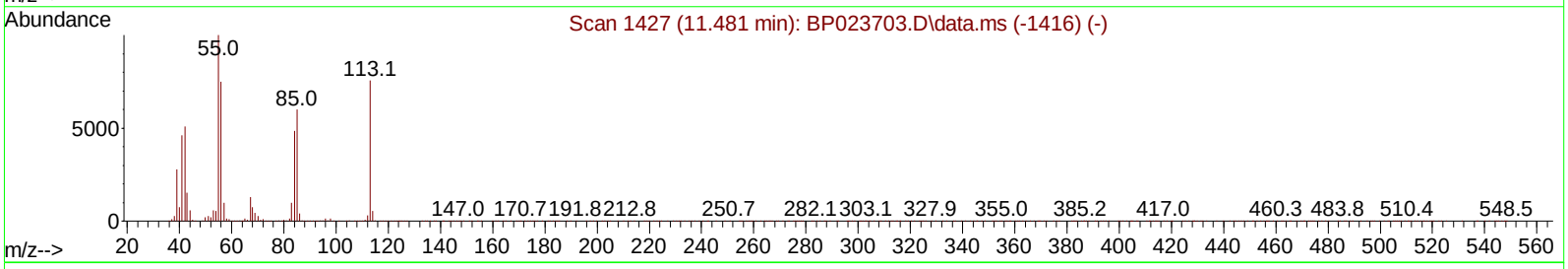

TIC: BP023705.D\data.ms

(34) Caprolactam

11.510min (+ 0.029) 86.50 ng/ul m

response 1137003

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.20	127.91
56.00	99.10	96.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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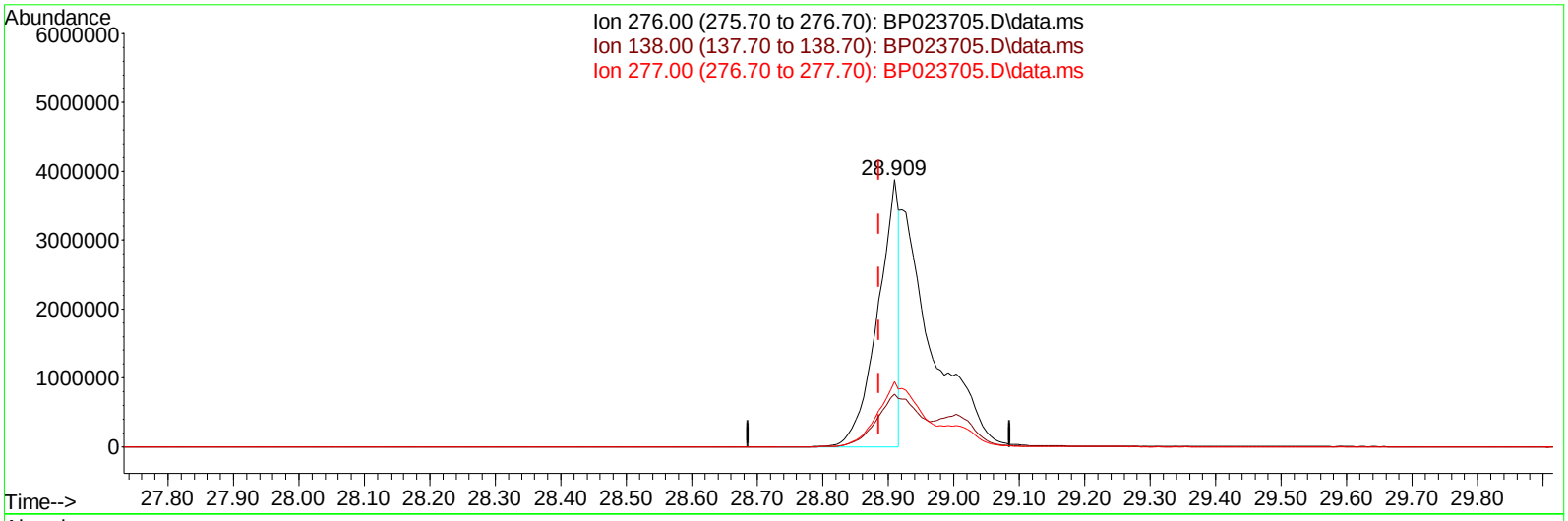

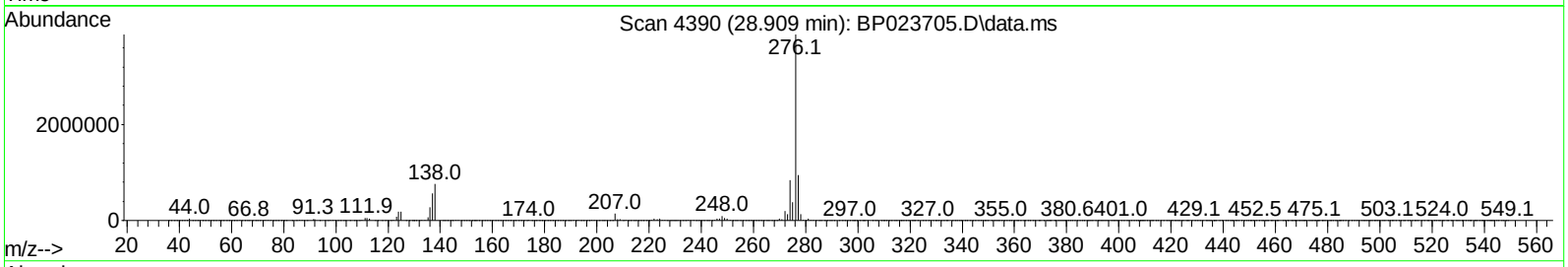

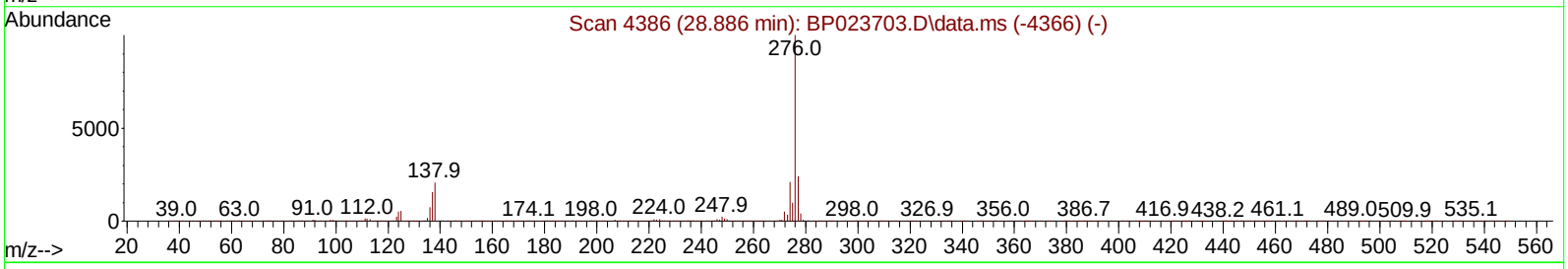

TIC: BP023705.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.909min (+ 0.024) 37.17 ng/ul

response 8631440

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	19.83
277.00	24.00	24.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD08077
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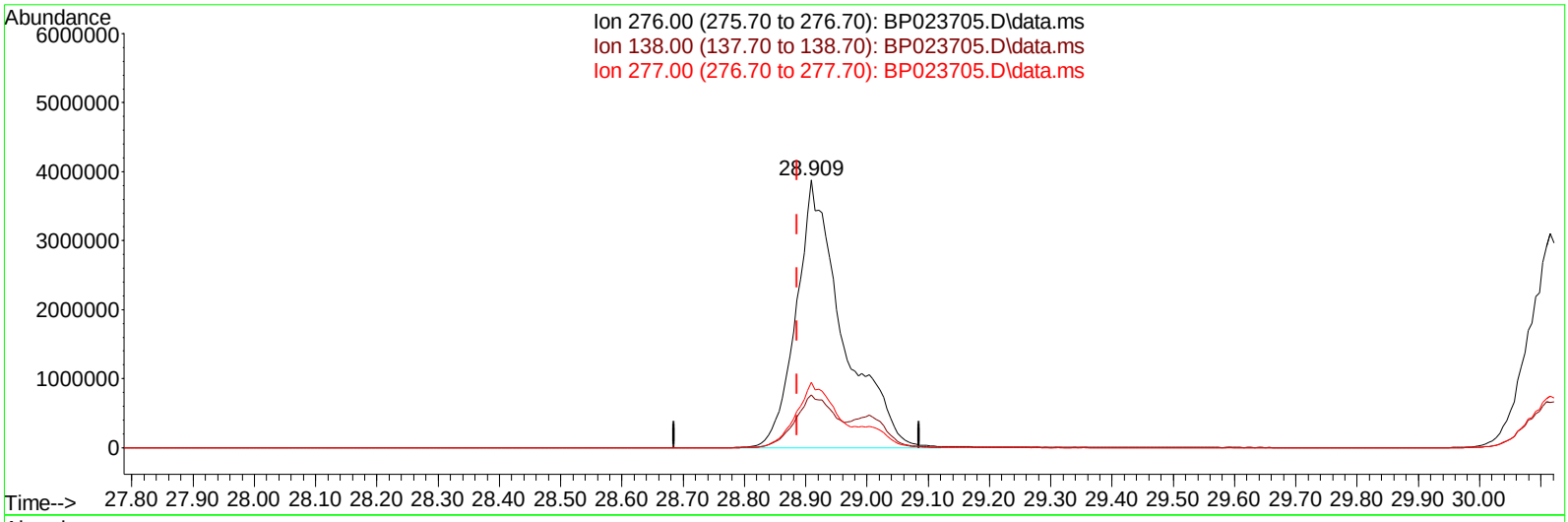

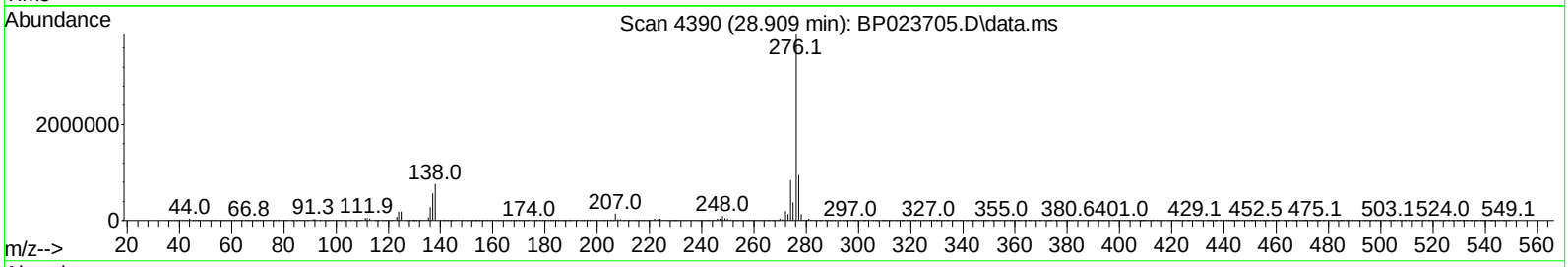

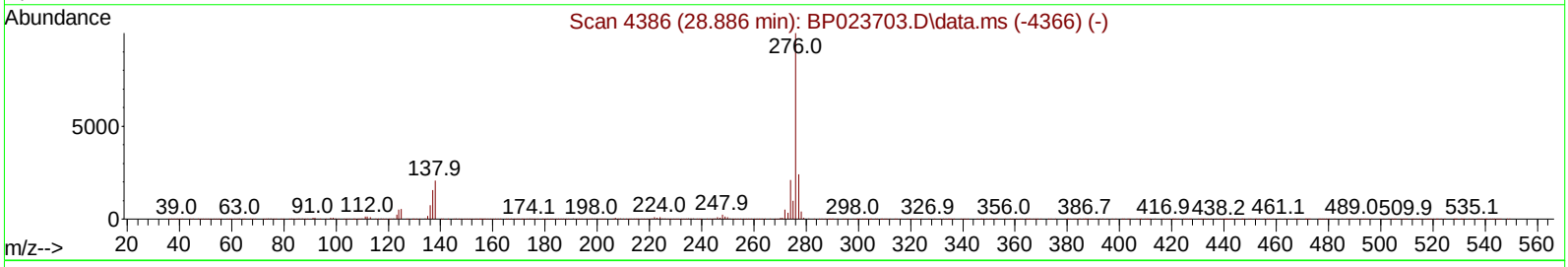

TIC: BP023705.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.909min (+ 0.024) 88.13 ng/ul m

response 20465112

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	19.83
277.00	24.00	24.44
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTD08077
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/23/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	572710	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2419587	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1523983	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	3108033	20.000	ng/ul	0.00
79) Chrysene-d12	21.668	240	3235128	20.000	ng/ul	0.02
88) Perylene-d12	25.062	264	3346671	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	449081	31.583	ng/uL	0.00
4) Pyridine-d5	3.705	84	3334568	81.267	ng/ul	0.00
7) Phenol-d5	6.963	99	4035707	83.278	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	2173146	79.392	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	3186154	86.483	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	3211476	84.276	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	1580620	86.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	1629704	97.511	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	3115516	88.685	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	4633866	82.480	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	8954316	81.699	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	10445704	82.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	1892152	85.920	ng/ul	0.00
60) Fluorene-d10	15.428	176	7705738	82.134	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	1444164	94.356	ng/ul	0.00
73) Anthracene-d10	17.316	188	11815209	79.183	ng/ul	0.00
81) Pyrene-d10	19.686	212	13188516	80.116	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.833	264	14717969	87.862	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	472000	31.379	ng/uL	98
5) Pyridine	3.722	79	3329545	80.264	ng/ul	96
6) Benzaldehyde	6.940	77	1610839	66.000	ng/ul	100
8) Phenol	6.993	94	4190409	82.638	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	3157924	80.052	ng/ul	100
12) 2-Chlorophenol	7.369	128	3256548	83.384	ng/ul	99
13) 2-Methylphenol	8.228	108	3079381	83.685	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	3243945	79.282	ng/ul	99
16) Acetophenone	8.610	105	4956663	80.993	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.604	70	2321965	82.009	ng/ul	97
18) 4-Methylphenol	8.557	108	3412242	83.401	ng/ul	98
19) Hexachloroethane	8.875	117	1281365	80.277	ng/ul	98
22) Nitrobenzene	8.987	77	3415446	80.190	ng/ul	96
23) Isophorone	9.516	82	6747235	83.289	ng/ul	97
25) 2-Nitrophenol	9.693	139	1800134	91.741	ng/ul	95
26) 2,4-Dimethylphenol	9.751	107	3348328	82.332	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	4154907	79.151	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	3111166	85.664	ng/ul	100
30) Naphthalene	10.628	128	10142072	77.889	ng/ul	98
32) 4-Chloroaniline	10.728	127	4410159	82.225	ng/ul	99
33) Hexachlorobutadiene	10.916	225	1841780	80.563	ng/ul	100
34) Caprolactam	11.510	113	1137003m	86.501	ng/ul	
35) 4-Chloro-3-methylphenol	11.851	107	3318988	88.219	ng/ul	98

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Quant Title : SVOA CALIBRATION
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ClientSampleId :
SSTD080613

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/23/2025
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.234	142	7155242	81.375 ng/ul	100
37) 1-Methylnaphthalene	12.451	142	7032864	80.012 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.604	216	3708230	81.920 ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	1981216	85.899 ng/ul	100
41) 2,4,6-Trichlorophenol	12.839	196	2420219	90.938 ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	2676666	91.057 ng/ul	99
43) 1,1'-Biphenyl	13.245	154	8951028	78.060 ng/ul	99
44) 2-Chloronaphthalene	13.287	162	7066320	79.150 ng/ul	98
45) 2-Nitroaniline	13.481	65	1931456	91.097 ng/ul	96
47) Dimethylphthalate	13.875	163	8799417	79.974 ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	1883658	95.981 ng/ul	95
50) Acenaphthylene	14.139	152	10879764	79.107 ng/ul	98
51) 3-Nitroaniline	14.316	138	1879131	82.047 ng/ul	93
52) Acenaphthene	14.486	153	7730153	79.494 ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	946911	98.281 ng/ul	93
55) 4-Nitrophenol	14.628	109	1326500	82.079 ng/ul	93
56) Dibenzofuran	14.828	168	10443156	78.080 ng/ul	98
57) 2,4-Dinitrotoluene	14.781	165	2769796	94.335 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.051	232	2241439	92.846 ng/ul	99
59) Diethylphthalate	15.263	149	8940389	82.615 ng/ul	98
61) Fluorene	15.486	166	8569766	76.888 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	4301698	78.851 ng/ul	100
63) 4-Nitroaniline	15.498	138	1767640	75.856 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.557	198	1594154	92.614 ng/ul#	93
67) N-Nitrosodiphenylamine	15.692	169	7426434	79.556 ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	2828992	85.016 ng/ul	99
69) Hexachlorobenzene	16.504	284	3384688	83.587 ng/ul	98
70) Atrazine	16.675	200	2850354	82.782 ng/ul	99
71) Pentachlorophenol	16.851	266	2164591	88.495 ng/ul	99
72) Phenanthrene	17.263	178	13514528	76.962 ng/ul	98
74) Anthracene	17.351	178	12730763	72.986 ng/ul	93
75) 1,2,3,4-Tetrachloroben...	13.210	216	3668405	81.356 ng/uL	99
76) Pentachlorobenzene	14.745	250	3882149	81.049 ng/uL	99
77) Carbazole	17.627	167	12645268	82.587 ng/ul	97
78) Di-n-butylphthalate	18.222	149	12633081	72.465 ng/ul#	93
80) Fluoranthene	19.333	202	13299941	71.055 ng/ul#	93
82) Pyrene	19.710	202	13861728	68.185 ng/ul#	91
83) Butylbenzylphthalate	20.669	149	7012338	95.643 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.568	252	4927123	86.298 ng/ul	100
85) Benzo(a)anthracene	21.645	228	15563052	75.882 ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.610	149	10248367	93.732 ng/ul#	95
87) Chrysene	21.715	228	14292246	74.435 ng/ul#	86
89) Di-n-octyl phthalate	22.910	149	15609387	93.102 ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	16741728	84.209 ng/ul	98
91) Benzo(k)fluoranthene	24.062	252	16856879	82.249 ng/ul	99
93) Benzo(a)pyrene	24.909	252	15744142	84.141 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.909	276	20465112m	88.134 ng/ul	
95) Dibenzo(a,h)anthracene	29.003	278	16565347	87.881 ng/ul	99
96) Benzo(g,h,i)perylene	30.115	276	15487984	86.589 ng/ul	98

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

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