Quantitation Report (Qedit)

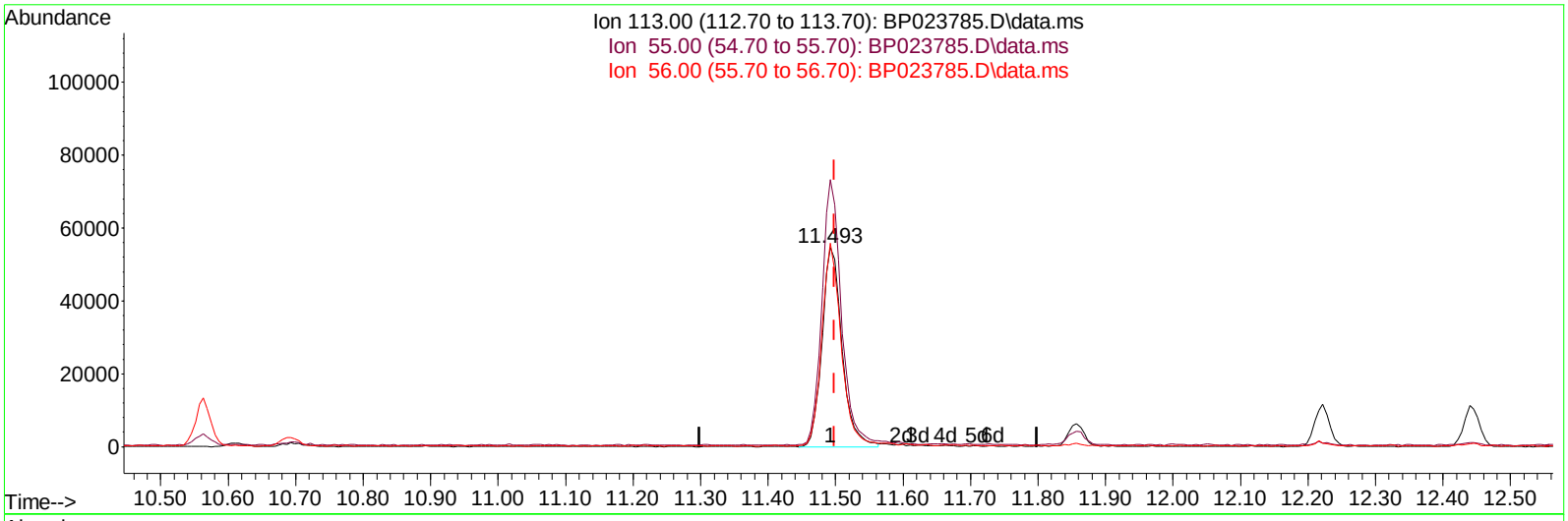
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023785.D
Acq On : 29 Jan 2025 13:57
Operator : RC/JU
Sample : SSTD01080
Misc :
ALS Vial : 4 Sample Multiplier: 1

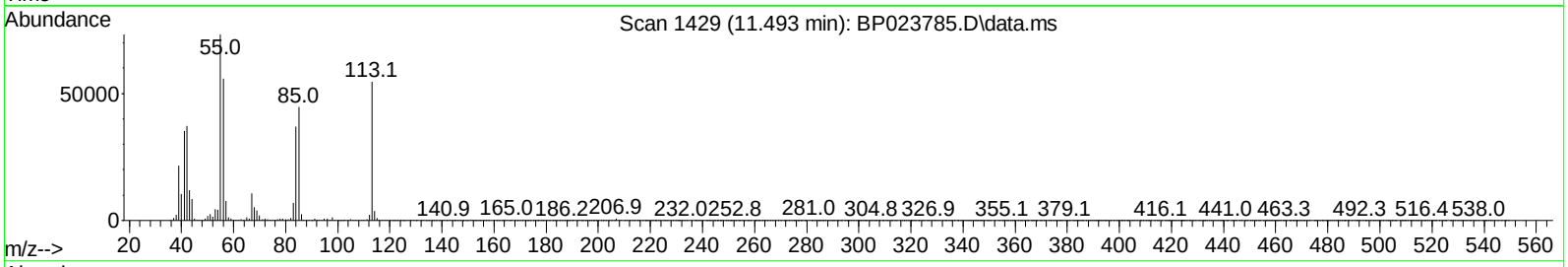
Quant Time: Jan 29 16:22:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

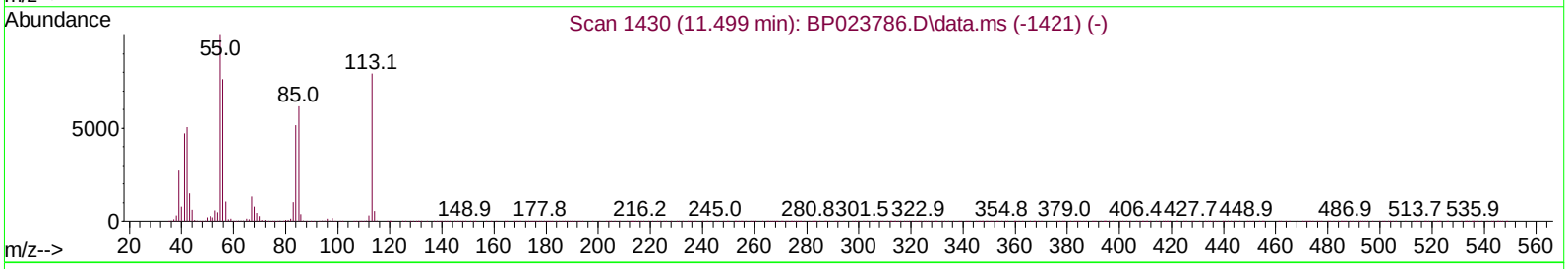
Instrument :
BNA_P
ClientSampleId :
SSTD010617

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025







TIC: BP023785.D\data.ms

(34) Caprolactam

11.493min (-0.006) 8.93 ng/ul

response 113144

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	133.90
56.00	96.30	102.14
0.00	0.00	0.00

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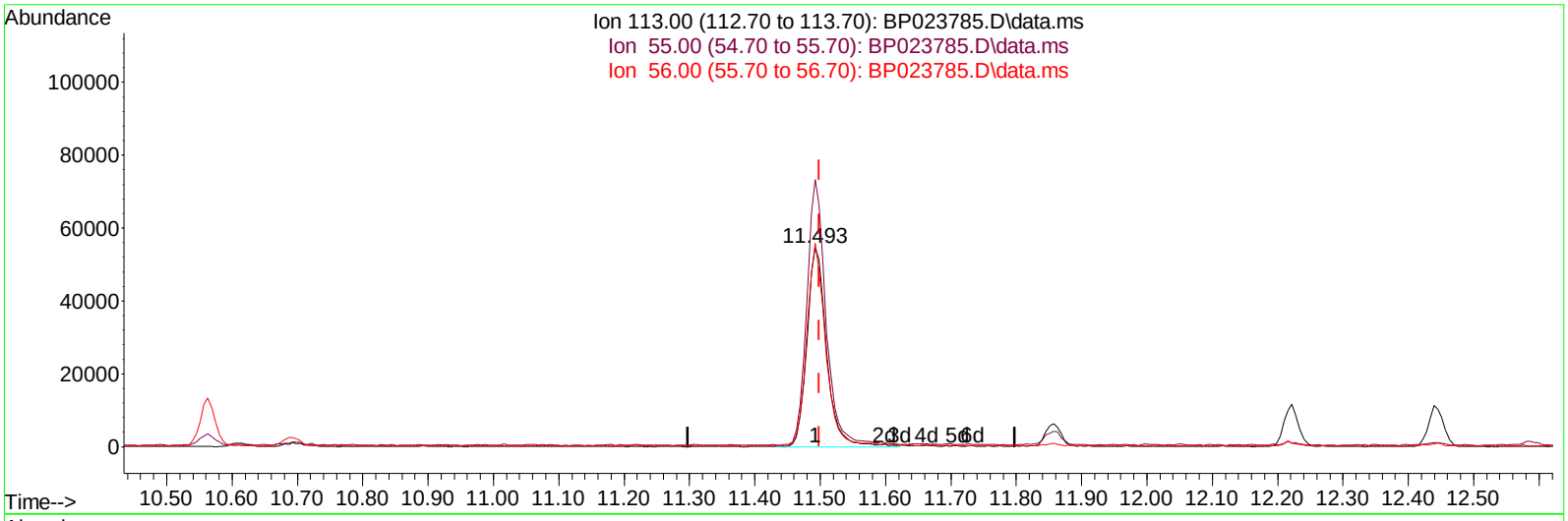

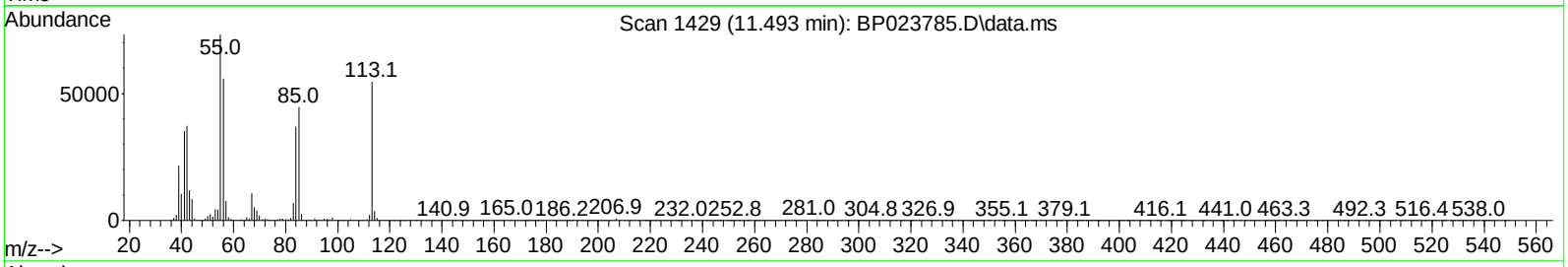

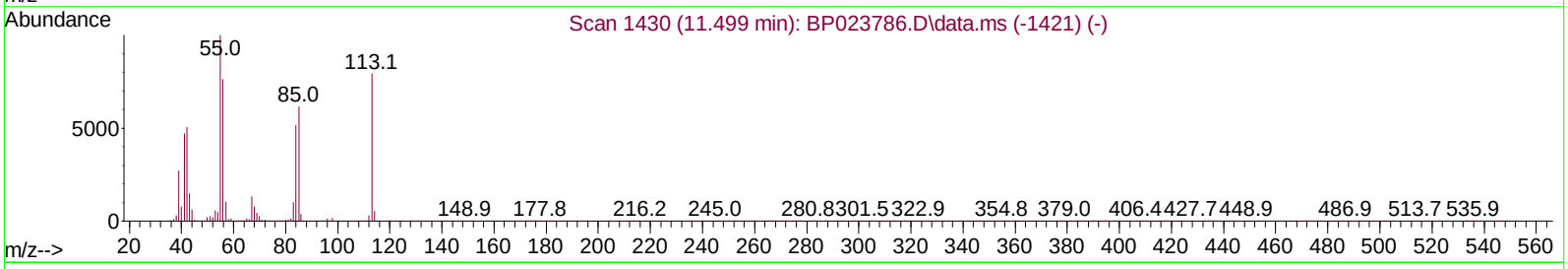

TIC: BP023785.D\data.ms

(34) Caprolactam

11.493min (-0.006) 9.10 ng/ul m

response 115228

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	133.90
56.00	96.30	102.14
0.00	0.00	0.00

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ClientSampleId :
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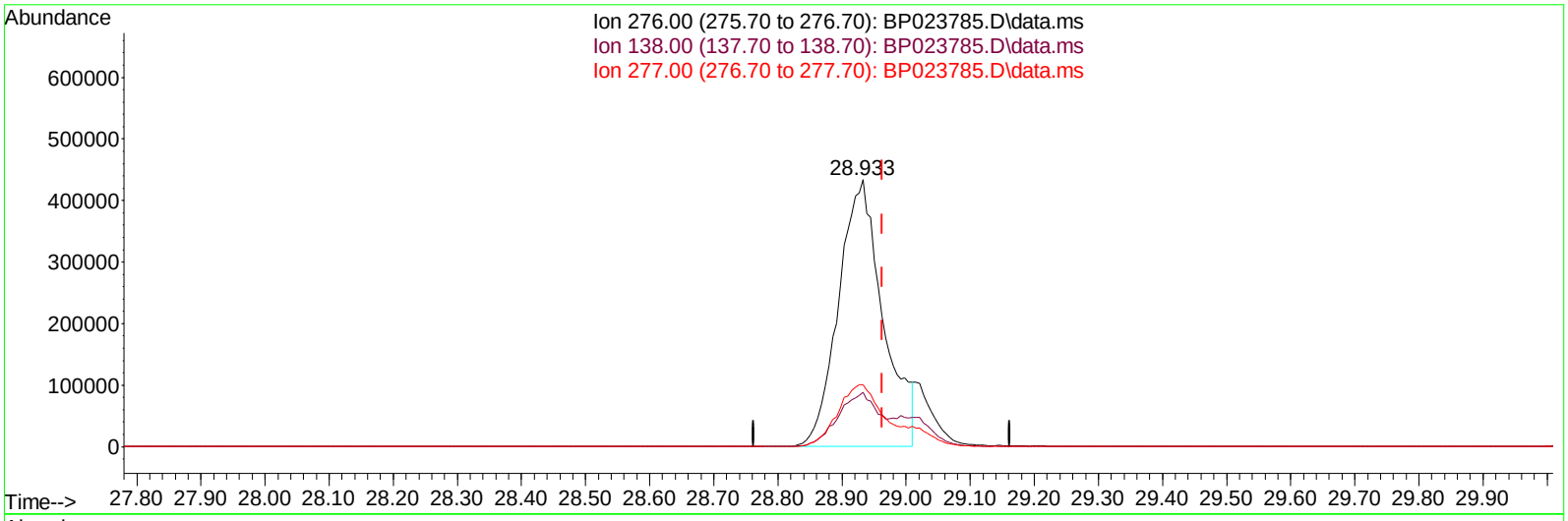

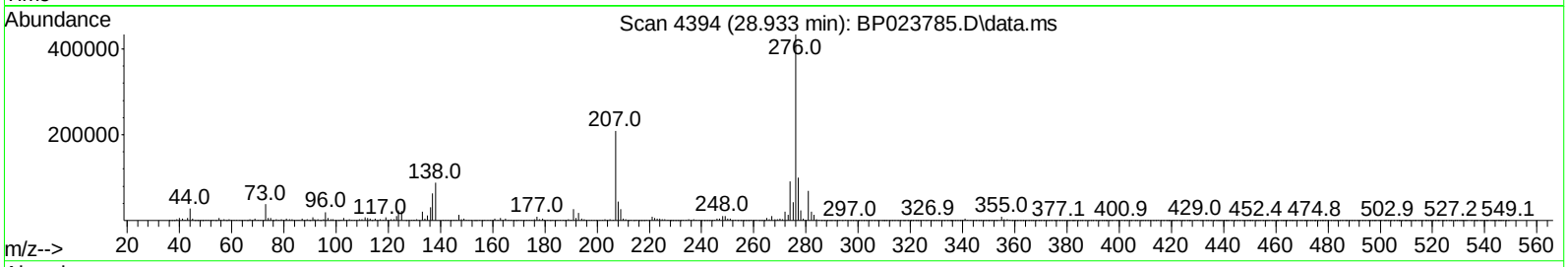

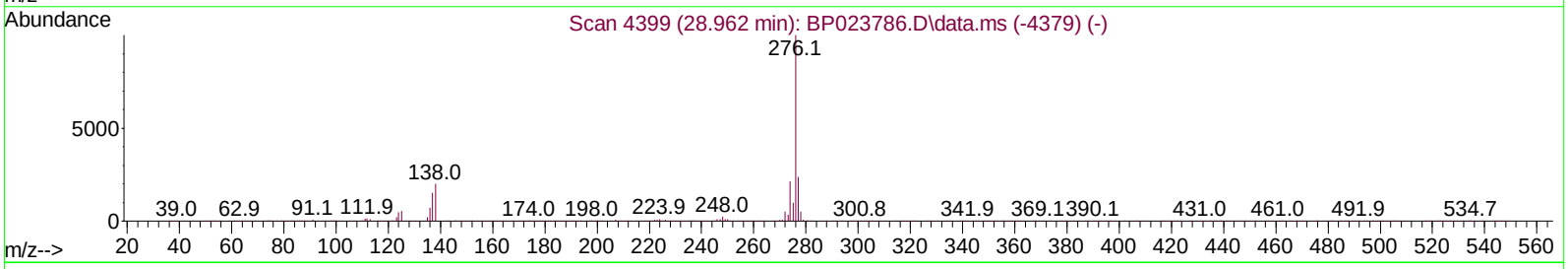

TIC: BP023785.D\data.ms

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

28.933min (-0.030) 8.77 ng/ul

response 2082640

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.32
277.00	23.70	23.16
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : SSTD01080
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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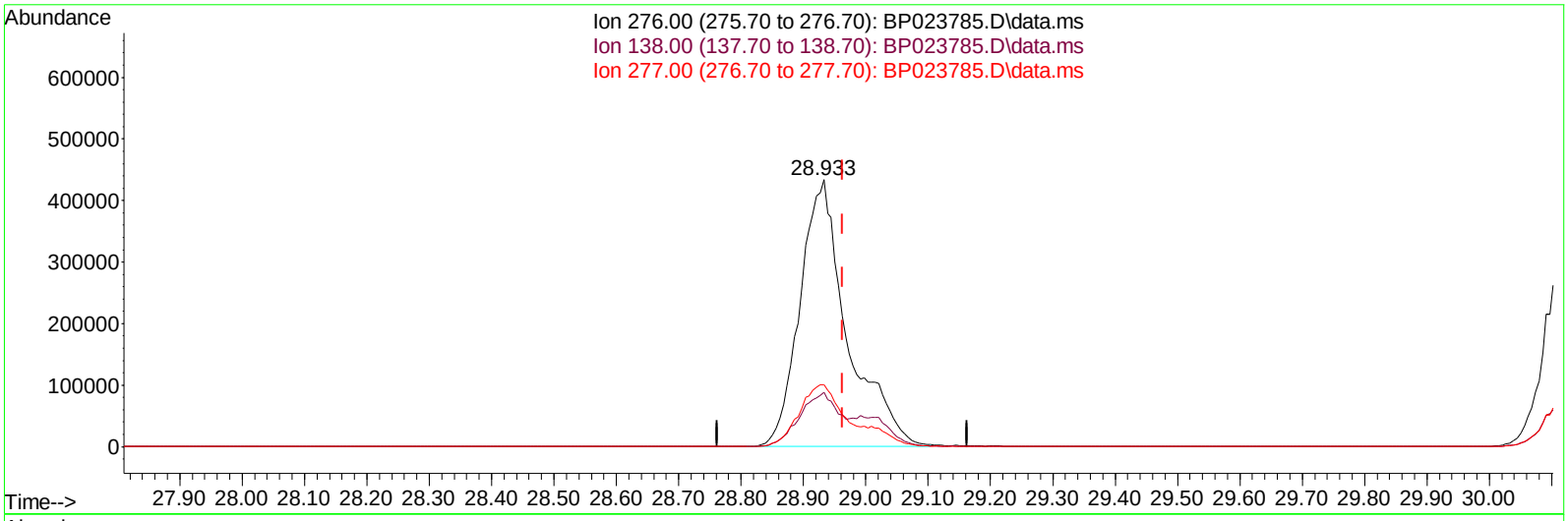

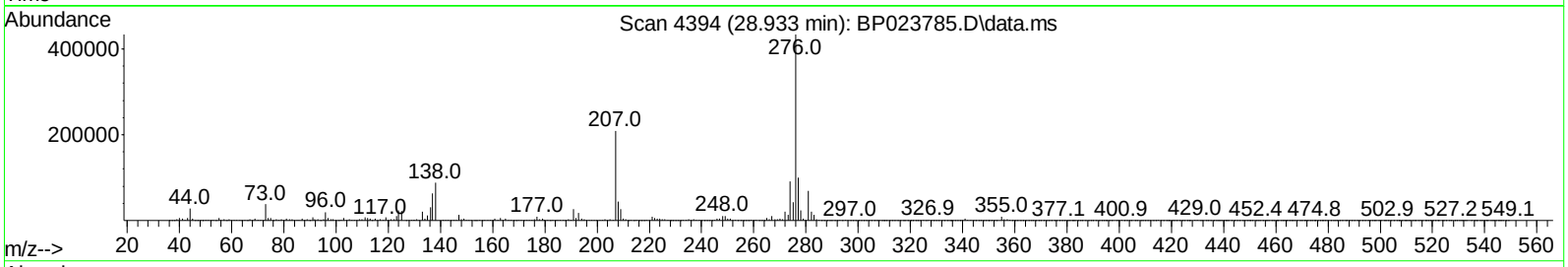

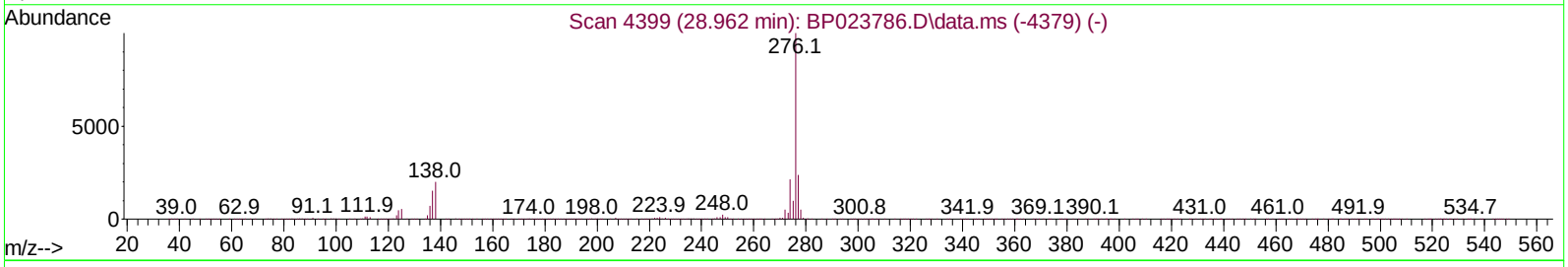

TIC: BP023785.D\data.ms

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

28.933min (-0.030) 9.66 ng/ul m

response 2293996

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.32
277.00	23.70	23.16
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : SSTD01080
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 29 16:24:10 2025
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Quant Title : SVOA CALIBRATION
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SSTD010617

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	539060	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	2196790	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	1387839	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2813903	20.000	ng/ul	0.00
79) Chrysene-d12	21.668	240	3080735	20.000	ng/ul	-0.01
88) Perylene-d12	25.068	264	3357778	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	51260	3.822	ng/uL	0.00
4) Pyridine-d5	3.711	84	345663	8.898	ng/ul	0.00
7) Phenol-d5	6.969	99	417662	8.993	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	237596	9.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	347828	9.803	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	331561	8.970	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	163486	9.702	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	171003	10.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	319932	9.782	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	470721	9.096	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	985074	9.711	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	1104984	9.479	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	173239	8.510	ng/ul	-0.01
60) Fluorene-d10	15.422	176	827995	9.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	129719	8.752	ng/ul	0.00
73) Anthracene-d10	17.310	188	1317273	9.684	ng/ul	0.00
81) Pyrene-d10	19.680	212	1561599	9.734	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.833	264	1637933	9.610	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	53498	3.772	ng/uL	99
5) Pyridine	3.728	79	350772	8.998	ng/ul	98
6) Benzaldehyde	6.934	77	267267	11.425	ng/ul	98
8) Phenol	6.999	94	439480	9.085	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.210	93	345319	9.235	ng/ul	99
12) 2-Chlorophenol	7.363	128	357725	9.577	ng/ul	100
13) 2-Methylphenol	8.234	108	320331	9.046	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	361677	9.353	ng/ul	99
16) Acetophenone	8.599	105	532742	9.079	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.581	70	247592	9.051	ng/ul	98
18) 4-Methylphenol	8.557	108	351736	8.919	ng/ul	98
19) Hexachloroethane	8.857	117	145633	9.607	ng/ul	97
22) Nitrobenzene	8.969	77	363726	9.371	ng/ul	98
23) Isophorone	9.493	82	701219	9.345	ng/ul	99
25) 2-Nitrophenol	9.675	139	190866	10.293	ng/ul	98
26) 2,4-Dimethylphenol	9.746	107	358411	9.568	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	447141	9.278	ng/ul	100
29) 2,4-Dichlorophenol	10.222	162	327834	9.718	ng/ul	99
30) Naphthalene	10.610	128	1127775	9.472	ng/ul	99
32) 4-Chloroaniline	10.716	127	452683	9.192	ng/ul	98
33) Hexachlorobutadiene	10.904	225	208939	9.984	ng/ul	99
34) Caprolactam	11.493	113	115228m	9.095	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	339474	9.605	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
SSTD010617

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.222	142	768108	9.457	ng/ul	99
37) 1-Methylnaphthalene	12.440	142	761556	9.393	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.587	216	399234	9.642	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	211785	9.789	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	251462	10.030	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	270306	9.817	ng/ul	99
43) 1,1'-Biphenyl	13.234	154	1000742	9.545	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	782123	9.601	ng/ul	100
45) 2-Nitroaniline	13.475	65	189606	9.590	ng/ul	90
47) Dimethylphthalate	13.863	163	975118	9.619	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	179480	9.722	ng/ul	93
50) Acenaphthylene	14.134	152	1199624	9.521	ng/ul	99
51) 3-Nitroaniline	14.310	138	201388	9.373	ng/ul	99
52) Acenaphthene	14.475	153	840564	9.433	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	83351	8.649	ng/ul	97
55) 4-Nitrophenol	14.645	109	133950	9.068	ng/ul	99
56) Dibenzofuran	14.816	168	1179042	9.613	ng/ul	99
57) 2,4-Dinitrotoluene	14.775	165	268987	9.751	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.051	232	231307	10.100	ng/ul	94
59) Diethylphthalate	15.245	149	995095	9.990	ng/ul	99
61) Fluorene	15.475	166	982811	9.638	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	479482	9.589	ng/ul	98
63) 4-Nitroaniline	15.486	138	214677	10.022	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.551	198	149692	9.004	ng/ul	98
67) N-Nitrosodiphenylamine	15.686	169	821016	9.654	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	294918	9.639	ng/ul	99
69) Hexachlorobenzene	16.498	284	363389	9.764	ng/ul	99
70) Atrazine	16.663	200	316946	9.992	ng/ul	98
71) Pentachlorophenol	16.851	266	190134	8.409	ng/ul	99
72) Phenanthrene	17.251	178	1540167	9.655	ng/ul	99
74) Anthracene	17.345	178	1570632	9.948	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	391300	9.491	ng/uL	99
76) Pentachlorobenzene	14.739	250	415778	9.459	ng/uL	100
77) Carbazole	17.628	167	1461490	10.478	ng/ul	99
78) Di-n-butylphthalate	18.222	149	1718803	10.735	ng/ul	99
80) Fluoranthene	19.339	202	1794694	9.855	ng/ul	99
82) Pyrene	19.710	202	1939868	9.835	ng/ul	99
83) Butylbenzylphthalate	20.663	149	828200	11.297	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.563	252	652549	11.341	ng/ul	100
85) Benzo(a)anthracene	21.645	228	1947176	9.901	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	1231564	11.457	ng/ul	99
87) Chrysene	21.710	228	1820945	9.913	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	2033760	11.424	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	1911528	9.498	ng/ul	100
91) Benzo(k)fluoranthene	24.057	252	1955862	9.511	ng/ul	100
93) Benzo(a)pyrene	24.898	252	1773062	9.359	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	2293996m	9.664	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	1864359	9.671	ng/ul	99
96) Benzo(g,h,i)perylene	30.133	276	1750244	9.568	ng/ul	99

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

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Manual IntegrationsAPPROVED

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