Quantitation Report (Qedit)

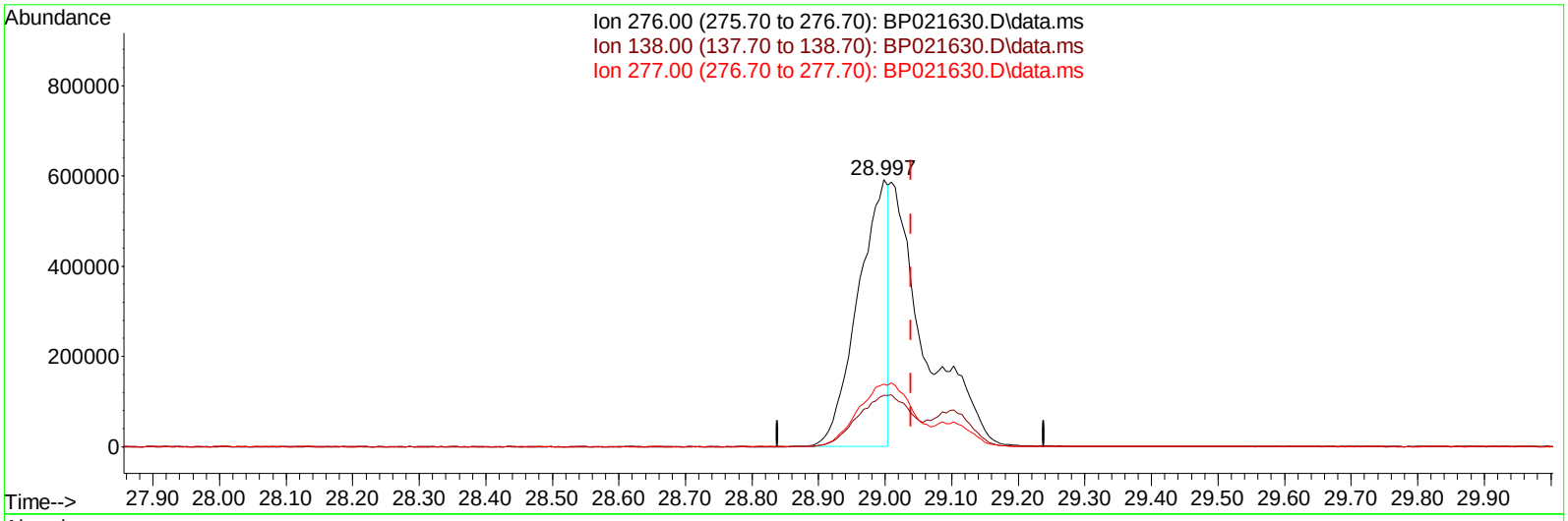
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082324\
Data File : BP021630.D
Acq On : 23 Aug 2024 17:45
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

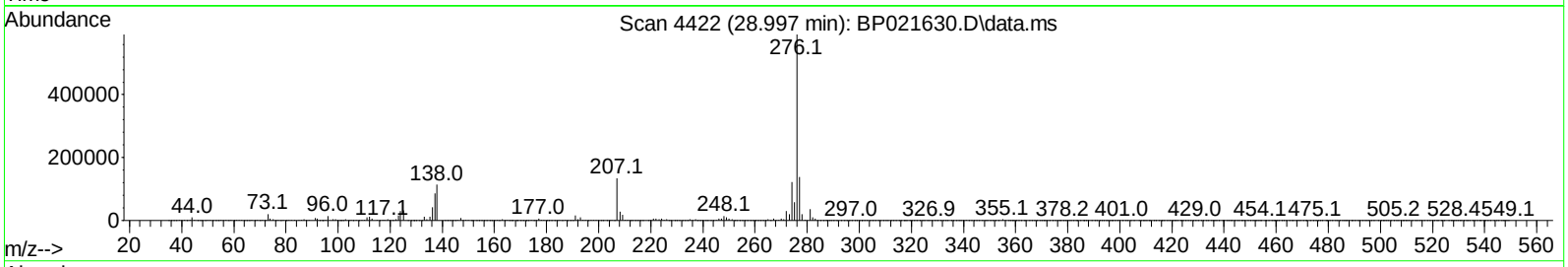
Quant Time: Aug 23 18:20:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 17:51:55 2024
Response via : Initial Calibration

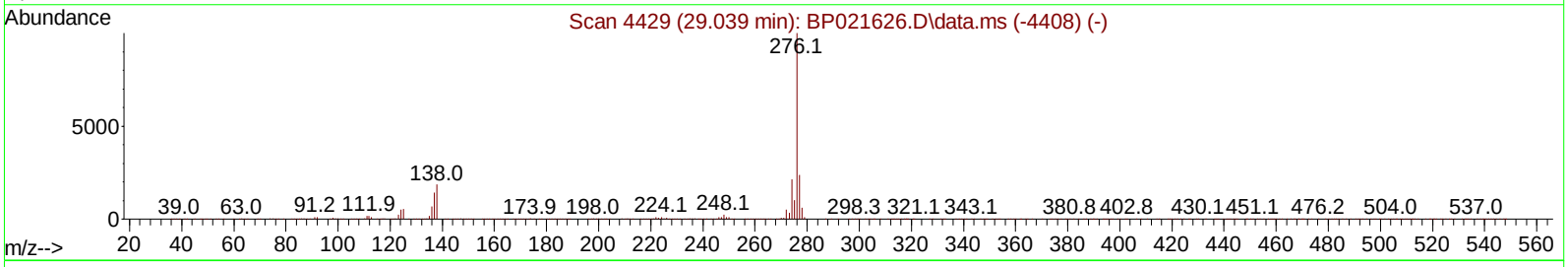
Instrument :
BNA_P
ClientSampleId :
SICV608

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024







TIC: BP021630.D\data.ms

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

28.997min (-0.041) 8.55 ng/ul

response 1848321

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.18
277.00	23.80	23.51
0.00	0.00	0.00

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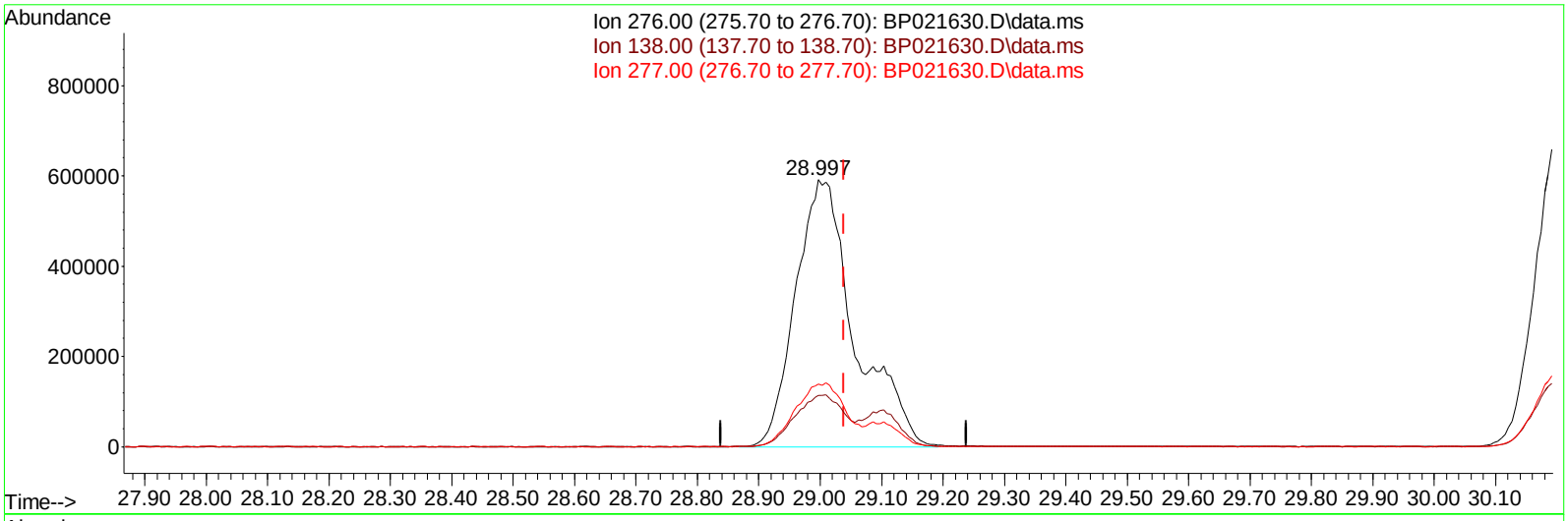

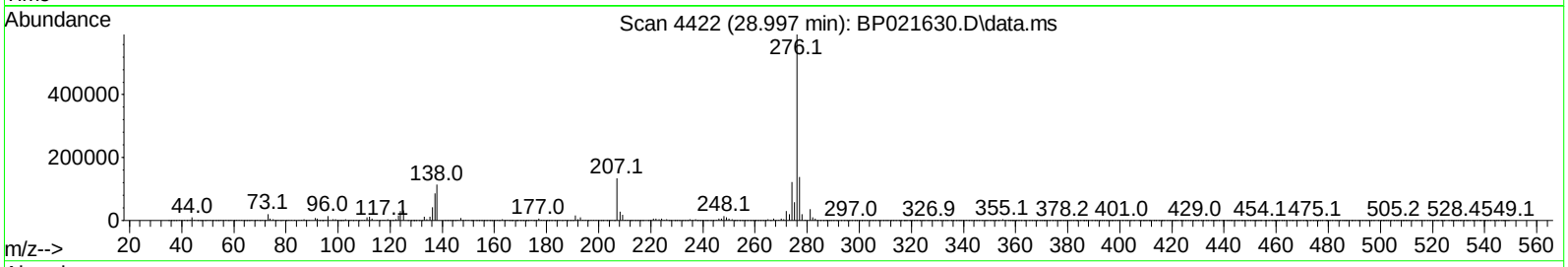

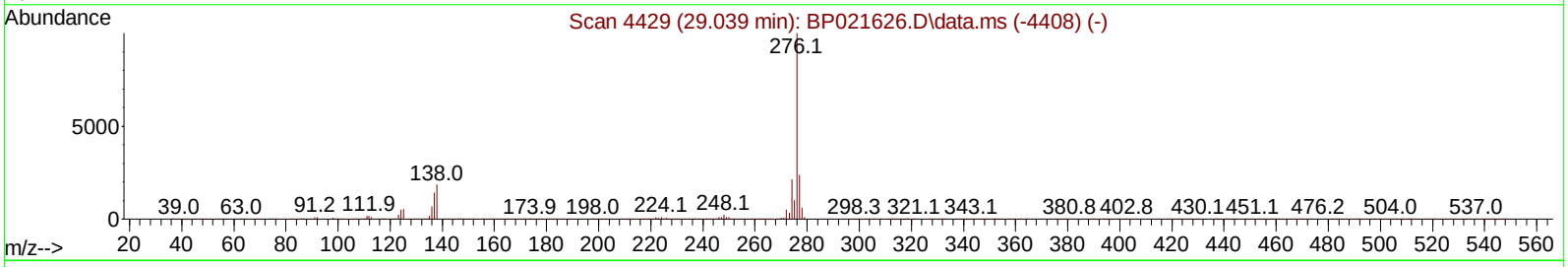

TIC: BP021630.D\data.ms

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

28.997min (-0.041) 18.30 ng/ul m

response 3958014

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.18
277.00	23.80	23.51
0.00	0.00	0.00

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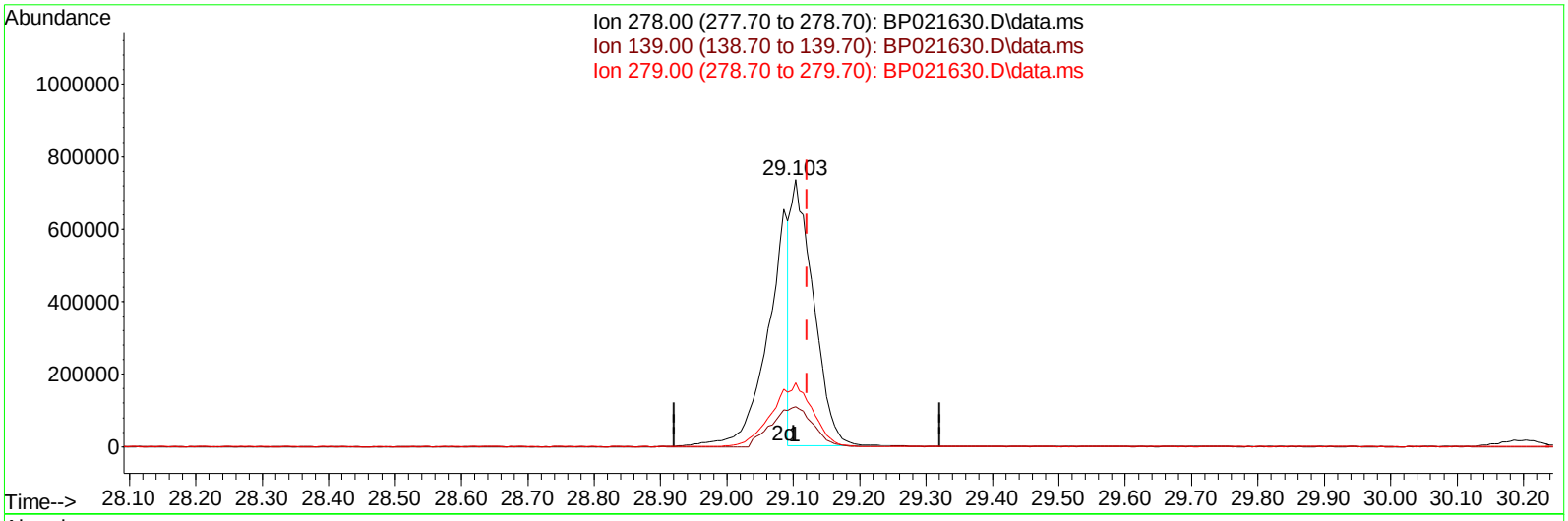

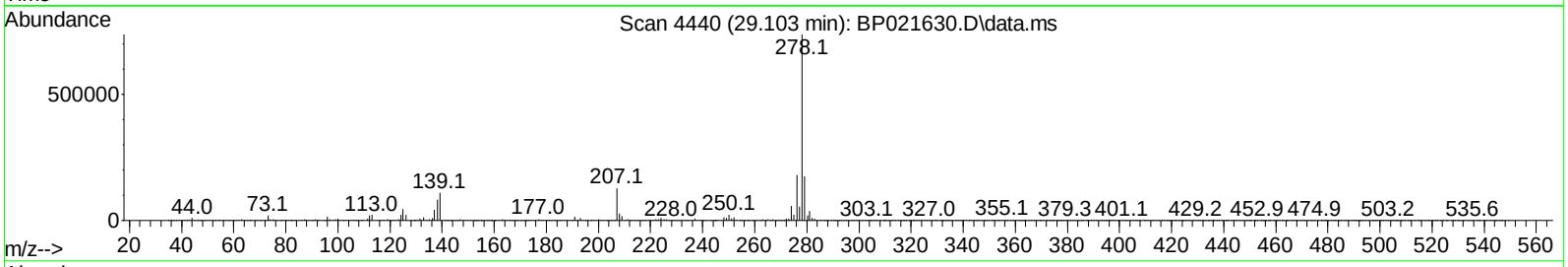

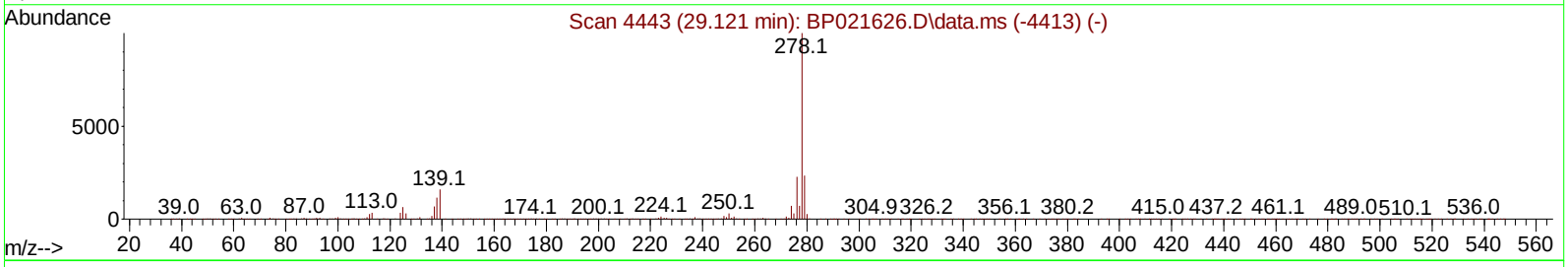

TIC: BP021630.D\data.ms

(95) Dibenzo(a,h)anthracene

29.103min (-0.018) 10.03 ng/ul

response 1742265

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	14.92
279.00	23.60	23.87
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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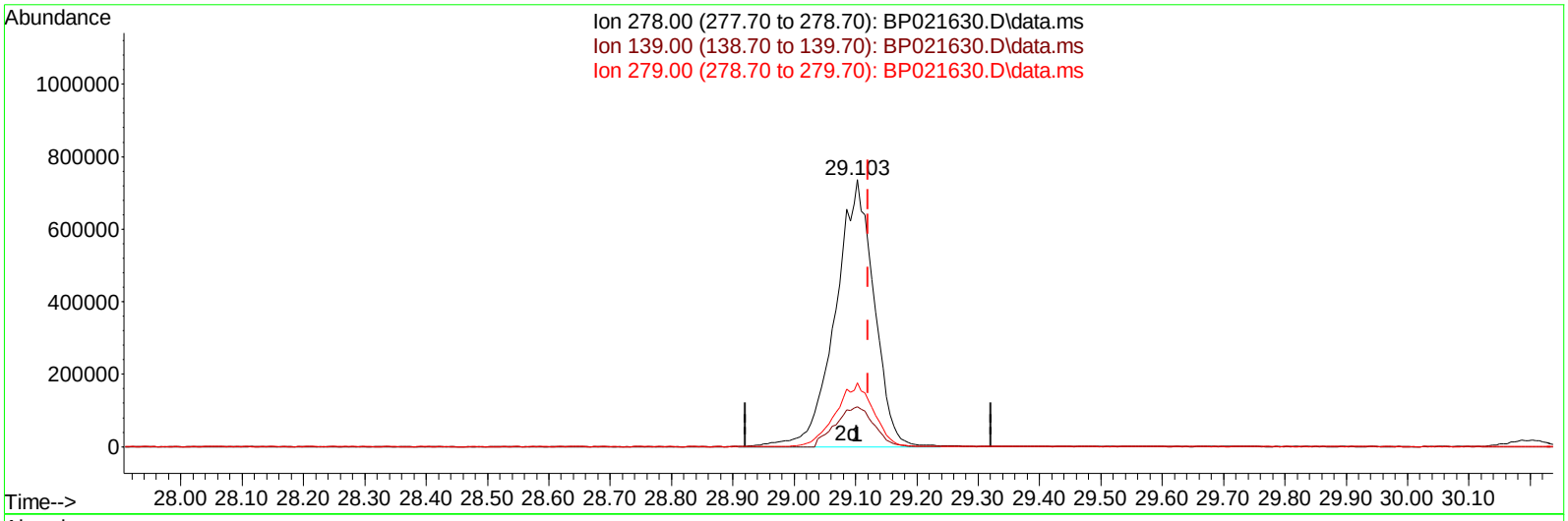

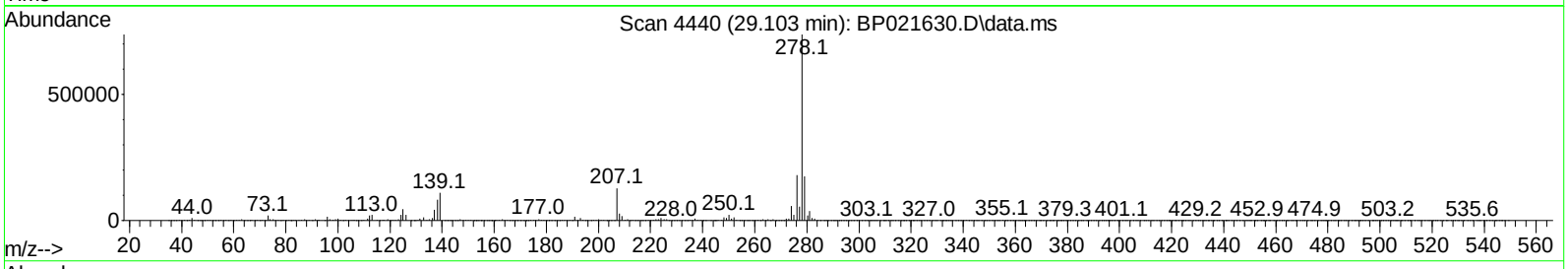

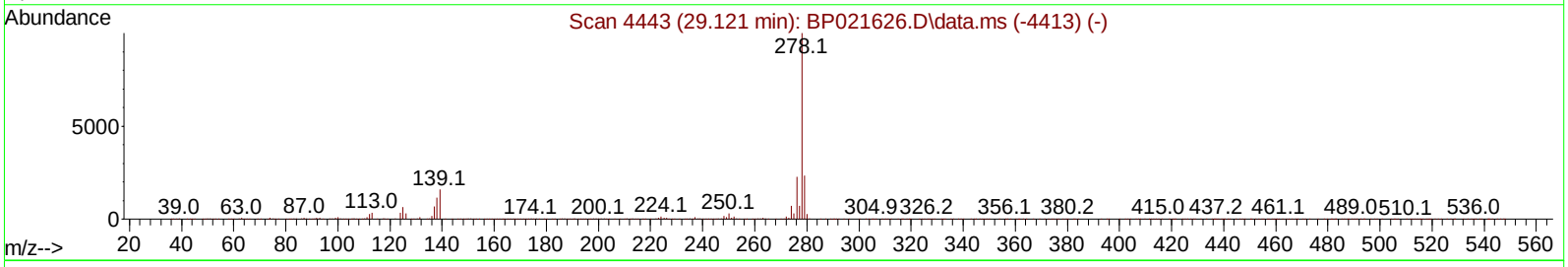

TIC: BP021630.D\data.ms

(95) Dibenzo(a,h)anthracene

29.103min (-0.018) 18.60 ng/ul m

response 3233217

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	14.92
279.00	23.60	23.87
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	384209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1727574	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	1156163	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	2496115	20.000	ng/ul	0.01
79) Chrysene-d12	21.704	240	2428581	20.000	ng/ul	-0.01
88) Perylene-d12	25.133	264	2909619	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	74129	6.405	ng/uL	0.00
4) Pyridine-d5	3.693	84	613423	18.326	ng/ul	0.00
7) Phenol-d5	6.963	99	804608	19.623	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	481167	21.563	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	525432	19.849	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	633810	20.004	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	270322	19.449	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	277857	19.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	542949	19.529	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	776799	19.205	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	1665824	18.830	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	1911135	19.241	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	319712	18.996	ng/ul	0.00
60) Fluorene-d10	15.451	176	1382814	18.592	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	258358	18.819	ng/ul	0.00
73) Anthracene-d10	17.357	188	2178223	18.387	ng/ul	0.01
81) Pyrene-d10	19.727	212	2605422	18.767	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.892	264	2930731	18.890	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	83136	6.759	ng/uL	99
5) Pyridine	3.711	79	564791	16.885	ng/ul	99
6) Benzaldehyde	6.946	77	450665	21.488	ng/ul	98
8) Phenol	6.993	94	823413	19.259	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	651181	19.594	ng/ul	97
12) 2-Chlorophenol	7.369	128	535398	19.270	ng/ul	99
13) 2-Methylphenol	8.234	108	593411	19.240	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	635019	19.797	ng/ul	98
16) Acetophenone	8.610	105	1044693	20.567	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.599	70	488668	20.386	ng/ul	98
18) 4-Methylphenol	8.557	108	663009	19.635	ng/ul	99
19) Hexachloroethane	8.881	117	240151	19.331	ng/ul	98
22) Nitrobenzene	8.987	77	716429	18.485	ng/ul	98
23) Isophorone	9.516	82	1445850	18.591	ng/ul	100
25) 2-Nitrophenol	9.698	139	300959	19.253	ng/ul	97
26) 2,4-Dimethylphenol	9.757	107	629305	16.403	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.993	93	903776	18.530	ng/ul	99
29) 2,4-Dichlorophenol	10.234	162	521541	18.668	ng/ul	99
30) Naphthalene	10.634	128	1782669	18.309	ng/ul	100
32) 4-Chloroaniline	10.734	127	779311	19.084	ng/ul	97
33) Hexachlorobutadiene	10.928	225	340489	18.164	ng/ul	99
34) Caprolactam	11.510	113	220580	18.671	ng/ul	98
35) 4-Chloro-3-methylphenol	11.863	107	697697	18.869	ng/ul	99

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Misc :
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Quant Time: Aug 23 18:55:13 2024
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_P
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SICV608

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.251	142	1247606	18.944	ng/ul	99
37) 1-Methylnaphthalene	12.463	142	1175443	17.745	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	674088	18.499	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	369549	17.674	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	439030	18.713	ng/ul	98
42) 2,4,5-Trichlorophenol	12.928	196	471726	18.620	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	1638521	18.732	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1240037	18.080	ng/ul	99
45) 2-Nitroaniline	13.504	65	412068	19.179	ng/ul	98
47) Dimethylphthalate	13.892	163	1605266	18.122	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	339978	20.810	ng/ul	95
50) Acenaphthylene	14.157	152	2014955	18.863	ng/ul	99
51) 3-Nitroaniline	14.334	138	373215	20.905	ng/ul	98
52) Acenaphthene	14.510	153	1370308	18.241	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	169448	17.325	ng/ul	99
55) 4-Nitrophenol	14.645	109	277416	18.001	ng/ul	98
56) Dibenzofuran	14.845	168	1916763	18.443	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	472804	19.259	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	431180	19.755	ng/ul	99
59) Diethylphthalate	15.286	149	1608519	18.083	ng/ul	100
61) Fluorene	15.510	166	1525127	18.143	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	761550	18.030	ng/ul	98
63) 4-Nitroaniline	15.522	138	382196	22.151	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.586	198	280739	18.281	ng/ul	96
67) N-Nitrosodiphenylamine	15.722	169	1345235	18.320	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	492360	17.868	ng/ul	98
69) Hexachlorobenzene	16.539	284	587418	17.957	ng/ul	100
70) Atrazine	16.704	200	506863	18.197	ng/ul	99
71) Pentachlorophenol	16.892	266	382750	18.282	ng/ul	98
72) Phenanthrene	17.292	178	2446647	17.854	ng/ul	99
74) Anthracene	17.392	178	2515134	18.116	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	671135	18.085	ng/uL	97
76) Pentachlorobenzene	14.763	250	649946	16.897	ng/uL	99
77) Carbazole	17.663	167	2352049	18.837	ng/ul	100
78) Di-n-butylphthalate	18.275	149	2842003	18.699	ng/ul	99
80) Fluoranthene	19.380	202	2978305	18.384	ng/ul	99
82) Pyrene	19.757	202	3093377	18.029	ng/ul	99
83) Butylbenzylphthalate	20.704	149	1327025	18.890	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.604	252	1236014	20.195	ng/ul	99
85) Benzo(a)anthracene	21.692	228	3132136	18.130	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.639	149	1950565	18.812	ng/ul	100
87) Chrysene	21.757	228	2953644	18.167	ng/ul	100
89) Di-n-octyl phthalate	22.957	149	3354707	18.215	ng/ul	100
90) Benzo(b)fluoranthene	24.045	252	3227532	17.728	ng/ul	99
91) Benzo(k)fluoranthene	24.115	252	3226521	18.103	ng/ul	99
93) Benzo(a)pyrene	24.980	252	3129286	18.657	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.997	276	3958014m	18.302	ng/ul	
95) Dibenzo(a,h)anthracene	29.103	278	3233217m	18.605	ng/ul	
96) Benzo(g,h,i)perylene	30.209	276	3021612	18.083	ng/ul	99

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

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