Quantitation Report (Qedit)

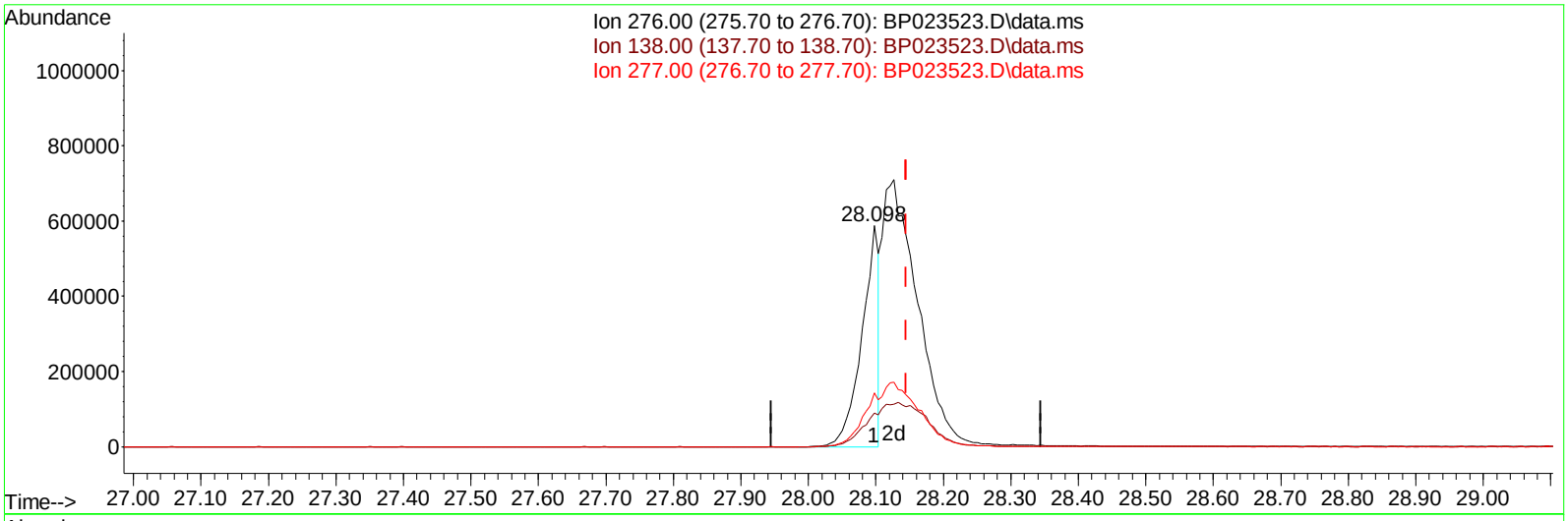
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023523.D
Acq On : 19 Dec 2024 08:30
Operator : RC/JU
Sample : PB165652BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

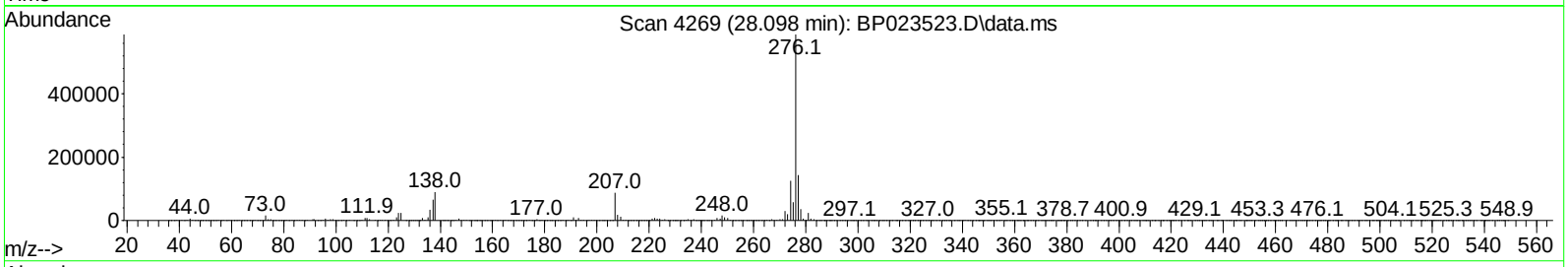
Quant Time: Dec 19 09:58:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

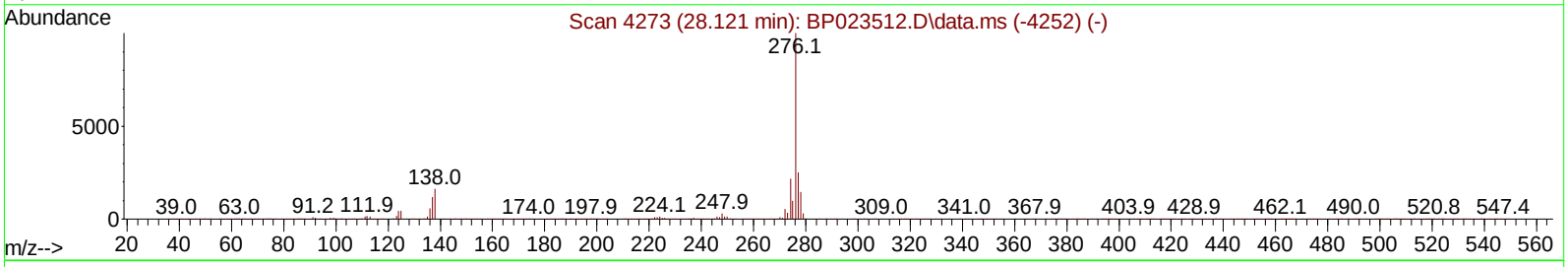
Instrument :
BNA_P
ClientSampleId :
SLCS652

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024







TIC: BP023523.D\data.ms

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

28.098min (-0.047) 8.22 ng/ul

response 1032020

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	15.27#
277.00	24.80	24.31
0.00	0.00	0.00

Quantitation Report (Qedit)

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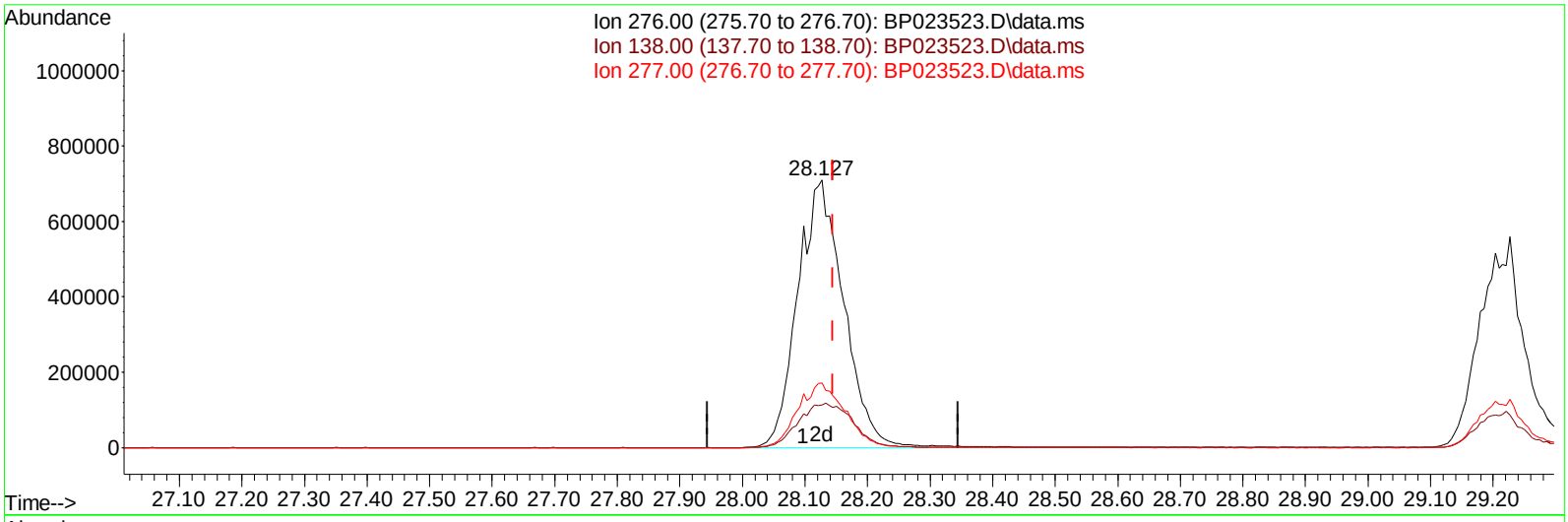

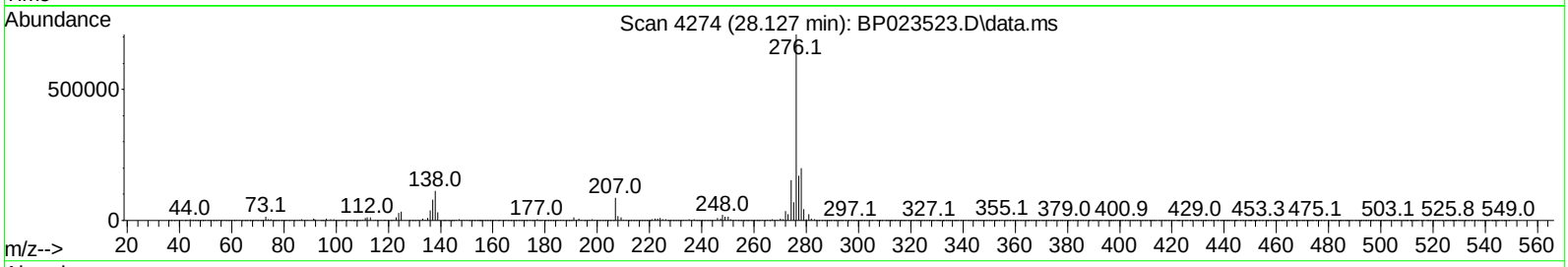

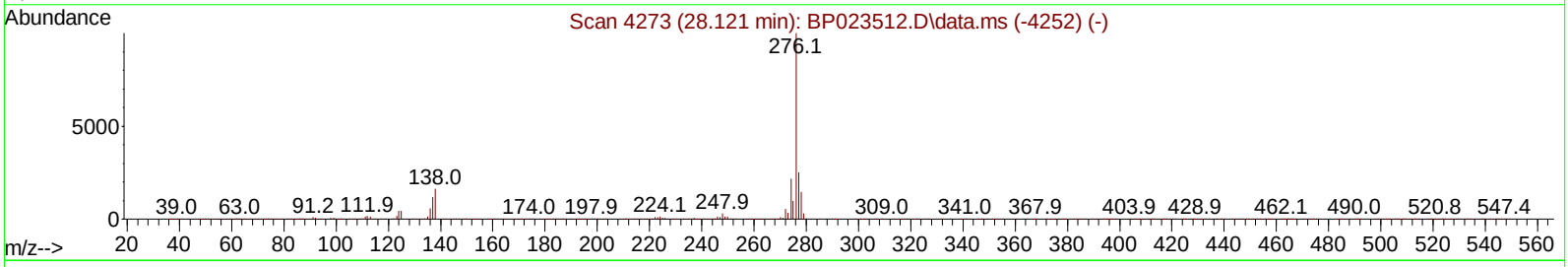

TIC: BP023523.D\data.ms

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

28.127min (-0.018) 28.70 ng/ul m

response 3603247

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	16.05#
277.00	24.80	24.11
0.00	0.00	0.00

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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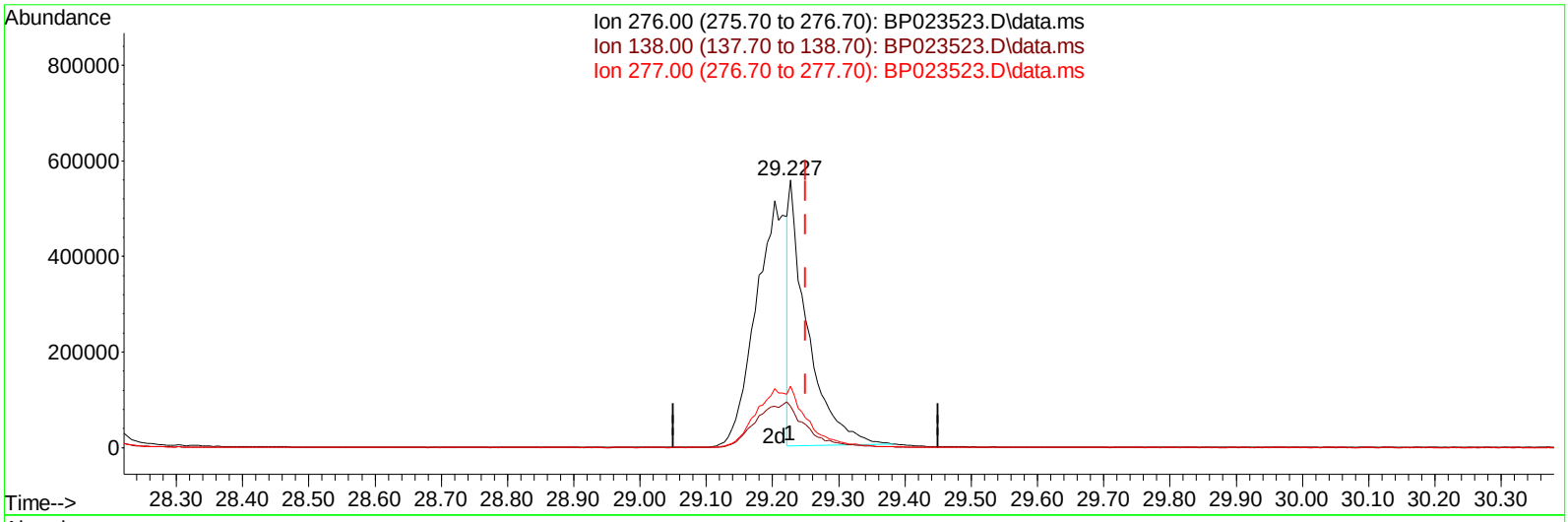

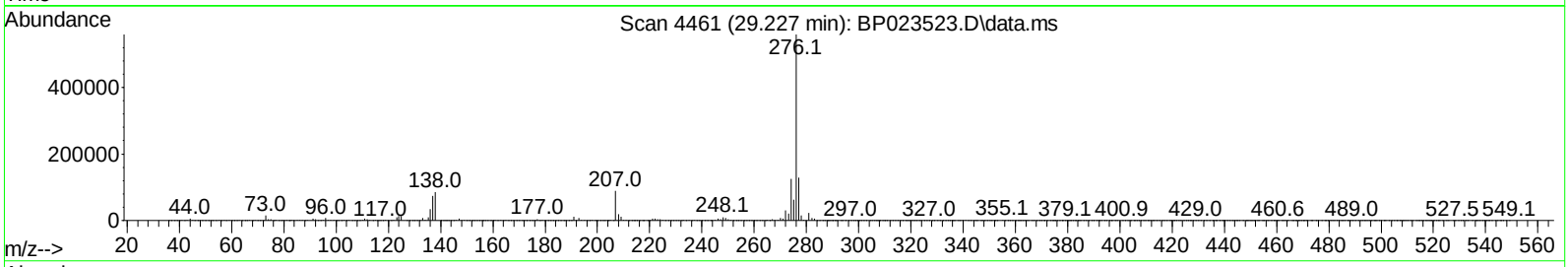

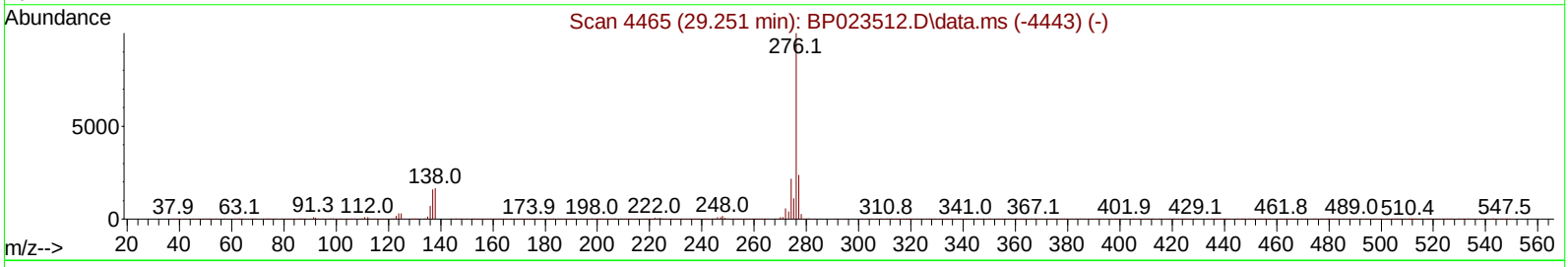

TIC: BP023523.D\data.ms

(96) Benzo(g,h,i)perylene

29.227min (-0.024) 11.29 ng/ul

response 1085245

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	15.38#
277.00	23.60	22.95
0.00	0.00	0.00

Quantitation Report (Qedit)

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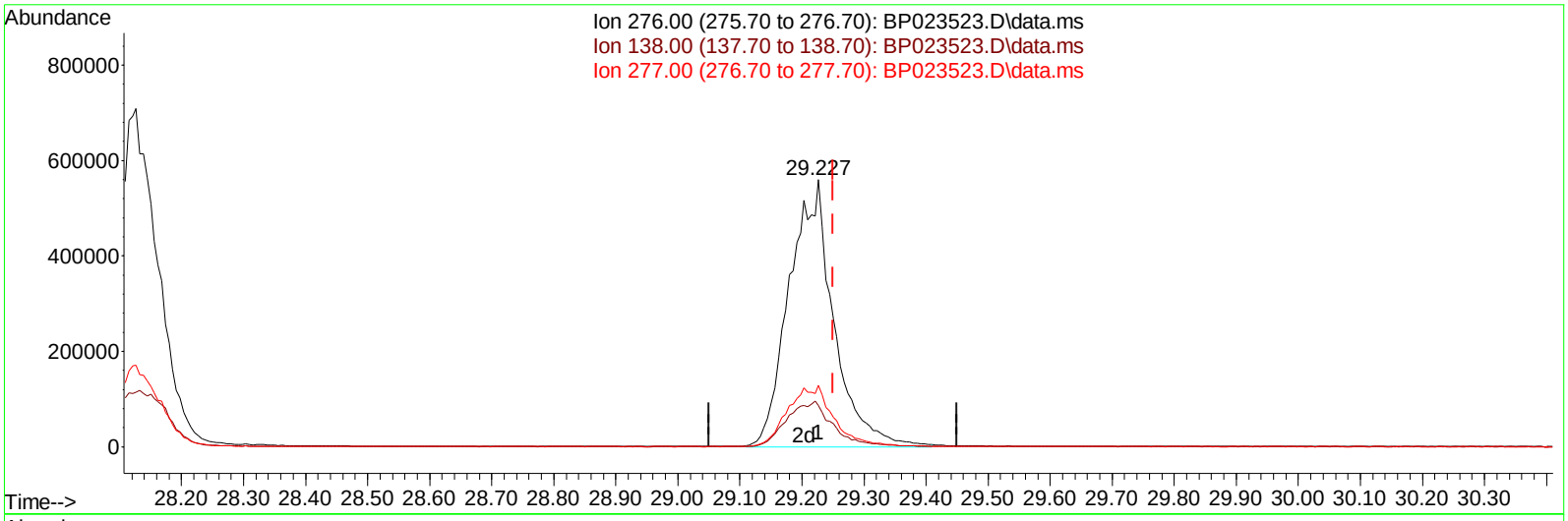

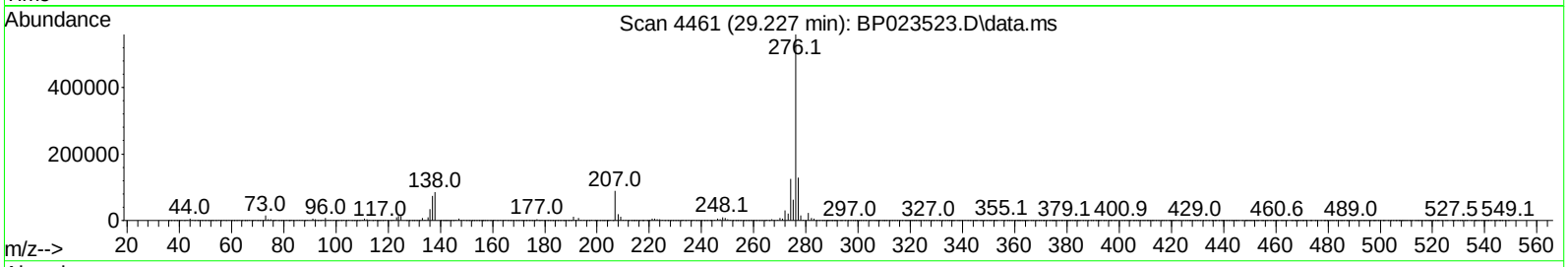

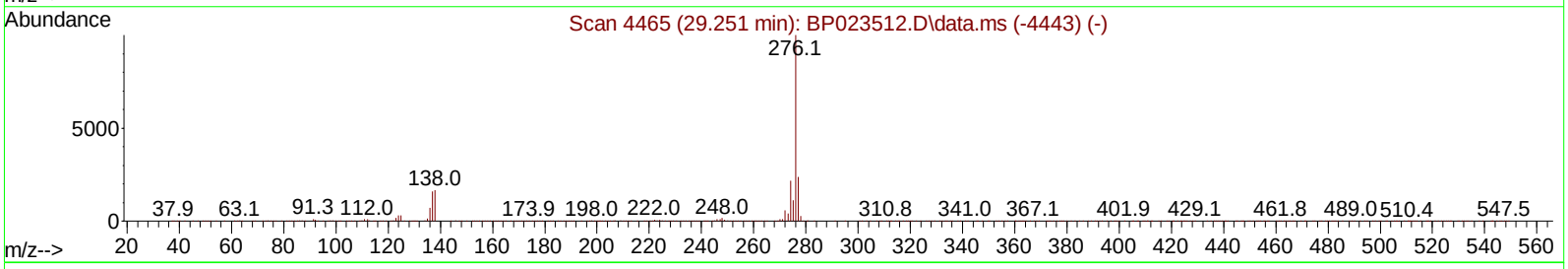

TIC: BP023523.D\data.ms

(96) Benzo(g,h,i)perylene

29.227min (-0.024) 28.92 ng/ul m

response 2779636

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	15.38#
277.00	23.60	22.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	184395	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.263	136	704575	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.139	164	549519	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.939	188	1314361	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.374	240	1571737	20.000	ng/ul	#-0.01
88) Perylene-d12	24.545	264	1714784	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	25283	5.048	ng/uL	0.00
4) Pyridine-d5	3.511	84	414835	32.210	ng/ul	0.00
7) Phenol-d5	6.740	99	527689	36.473	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	304190	33.325	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	348140	32.603	ng/ul	-0.01
15) 4-Methylphenol-d8	8.240	113	375293	32.139	ng/ul	-0.02
21) Nitrobenzene-d5	8.663	128	157695	29.973	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	189566	31.262	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	390279	30.496	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.422	131	401004	27.970	ng/ul	-0.02
46) Dimethylphthalate-d6	13.539	166	1231774	28.875	ng/ul	-0.02
49) Acenaphthylene-d8	13.828	160	1267189	28.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	159558	30.522	ng/ul	0.00
60) Fluorene-d10	15.151	176	1025549	27.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	240108	30.227	ng/ul	0.00
73) Anthracene-d10	17.045	188	1775180	29.593	ng/ul	0.00
81) Pyrene-d10	19.427	212	2334073	28.424	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.309	264	2625346	28.600	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	56422	10.181	ng/uL	96
5) Pyridine	3.528	79	420724	31.980	ng/ul	88
6) Benzaldehyde	6.710	77	41300	4.993	ng/ul	98
8) Phenol	6.763	94	558850	37.103	ng/ul#	85
10) Bis(2-Chloroethyl)ether	6.969	93	389646	32.772	ng/ul	99
12) 2-Chlorophenol	7.104	128	356721	31.866	ng/ul	97
13) 2-Methylphenol	7.981	108	366052	32.770	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	478953	33.125	ng/ul	98
16) Acetophenone	8.340	105	565055	28.751	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.316	70	317298	29.629	ng/ul	94
18) 4-Methylphenol	8.304	108	399539	33.138	ng/ul	96
19) Hexachloroethane	8.569	117	146480	26.874	ng/ul	91
22) Nitrobenzene	8.704	77	466990	29.170	ng/ul	99
23) Isophorone	9.222	82	888132	31.321	ng/ul	97
25) 2-Nitrophenol	9.404	139	196614	30.355	ng/ul#	84
26) 2,4-Dimethylphenol	9.475	107	430526	30.017	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.693	93	507305	31.666	ng/ul	100
29) 2,4-Dichlorophenol	9.946	162	389910	30.741	ng/ul	99
30) Naphthalene	10.316	128	1032830	28.001	ng/ul	99
32) 4-Chloroaniline	10.445	127	266549	19.174	ng/ul	99
33) Hexachlorobutadiene	10.587	225	256278	22.778	ng/ul	97
34) Caprolactam	11.240	113	129035	34.866	ng/ul	95
35) 4-Chloro-3-methylphenol	11.592	107	440628	31.993	ng/ul	92

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	756661	27.663	ng/ul	97
37) 1-Methylnaphthalene	12.145	142	758816	27.224	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.304	216	483099	24.091	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	168641	17.503	ng/ul	99
41) 2,4,6-Trichlorophenol	12.563	196	354910	29.907	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	379780	29.953	ng/ul	99
43) 1,1'-Biphenyl	12.957	154	1069716	27.474	ng/ul	98
44) 2-Chloronaphthalene	13.004	162	858147	27.248	ng/ul	98
45) 2-Nitroaniline	13.234	65	303569	33.269	ng/ul	92
47) Dimethylphthalate	13.592	163	1224263	29.134	ng/ul	98
48) 2,6-Dinitrotoluene	13.739	165	250777	31.146	ng/ul	89
50) Acenaphthylene	13.857	152	1300208	28.375	ng/ul	100
51) 3-Nitroaniline	14.081	138	229656	34.031	ng/ul	96
52) Acenaphthene	14.198	153	936328	27.957	ng/ul	99
53) 2,4-Dinitrophenol	14.310	184	154762	29.806	ng/ul	94
55) 4-Nitrophenol	14.434	109	205635	29.198	ng/ul#	73
56) Dibenzofuran	14.545	168	1378931	27.110	ng/ul	95
57) 2,4-Dinitrotoluene	14.539	165	388407	29.935	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.798	232	344040	27.332	ng/ul	99
59) Diethylphthalate	14.981	149	1249522	29.815	ng/ul	100
61) Fluorene	15.210	166	1137129	27.457	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.198	204	601318	25.033	ng/ul	99
63) 4-Nitroaniline	15.263	138	243161	40.967	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.328	198	261284	31.007	ng/ul	100
67) N-Nitrosodiphenylamine	15.433	169	1011913	30.148	ng/ul	99
68) 4-Bromophenyl-phenylether	16.116	248	399858	25.771	ng/ul	98
69) Hexachlorobenzene	16.233	284	460980	24.251	ng/ul	97
70) Atrazine	16.410	200	433107	29.655	ng/ul	98
71) Pentachlorophenol	16.604	266	311106	28.040	ng/ul	96
72) Phenanthrene	16.986	178	2025798	29.813	ng/ul	100
74) Anthracene	17.080	178	2062025	30.349	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	493222	26.033	ng/uL	100
76) Pentachlorobenzene	14.469	250	510257	24.434	ng/uL	99
77) Carbazole	17.369	167	1895681	34.246	ng/ul	99
78) Di-n-butylphthalate	17.951	149	2213461	32.544	ng/ul	99
80) Fluoranthene	19.074	202	2672871	28.406	ng/ul#	91
82) Pyrene	19.457	202	2846670	28.510	ng/ul#	92
83) Butylbenzylphthalate	20.416	149	1139085	32.938	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.280	252	990006	27.450	ng/ul#	99
85) Benzo(a)anthracene	21.351	228	3013985	28.596	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1648410	33.193	ng/ul	99
87) Chrysene	21.427	228	2765622	27.382	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	2870152	34.271	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	3123467	28.991	ng/ul#	98
91) Benzo(k)fluoranthene	23.604	252	3022780	28.199	ng/ul#	98
93) Benzo(a)pyrene	24.386	252	2843008	29.104	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.127	276	3603247m	28.703	ng/ul	
95) Dibenzo(a,h)anthracene	28.168	278	2883812	28.705	ng/ul#	97
96) Benzo(g,h,i)perylene	29.227	276	2779636m	28.920	ng/ul	

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

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