Quantitation Report (Qedit)

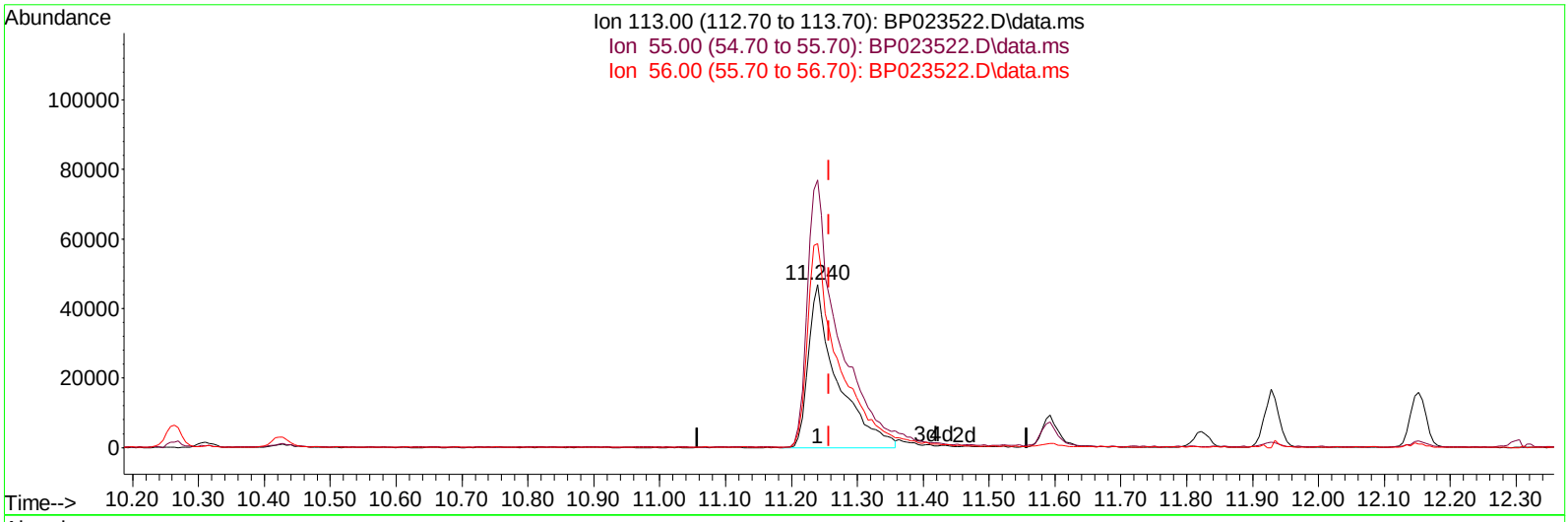
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023522.D
Acq On : 19 Dec 2024 07:50
Operator : RC/JU
Sample : PB165639BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

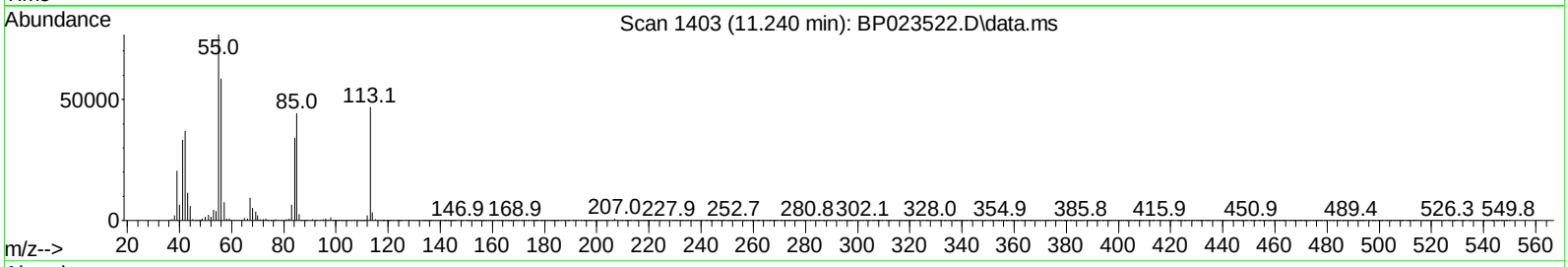
Quant Time: Dec 19 08:15:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

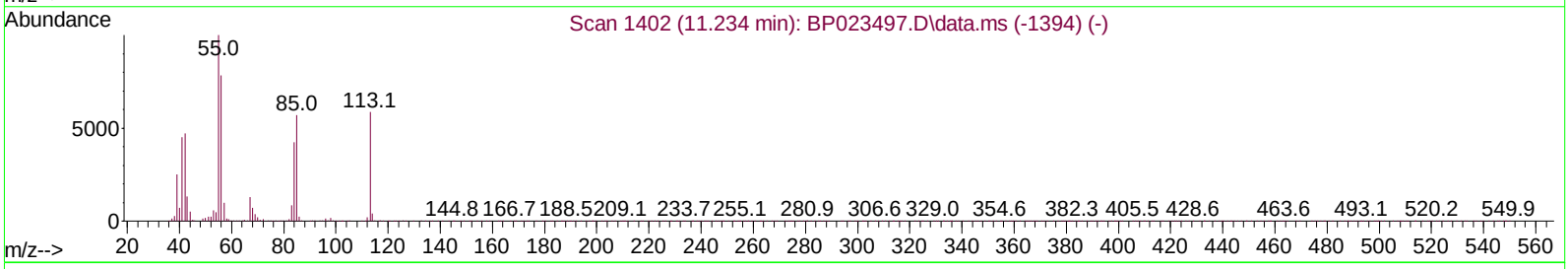
Instrument :
BNA_P
ClientSampleId :
SLCS639

Manual IntegrationsAPPROVED

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







TIC: BP023522.D\data.ms

(34) Caprolactam

11.240min (-0.018) 30.48 ng/ul

response 142917

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	164.07
56.00	125.90	125.32
0.00	0.00	0.00

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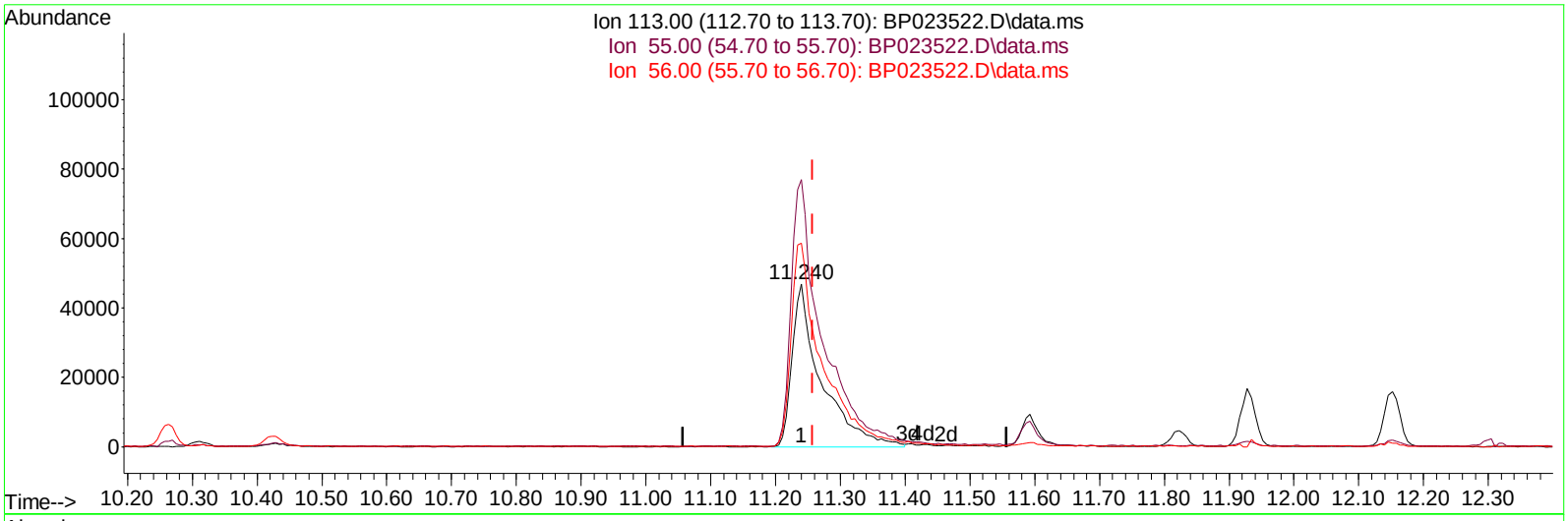

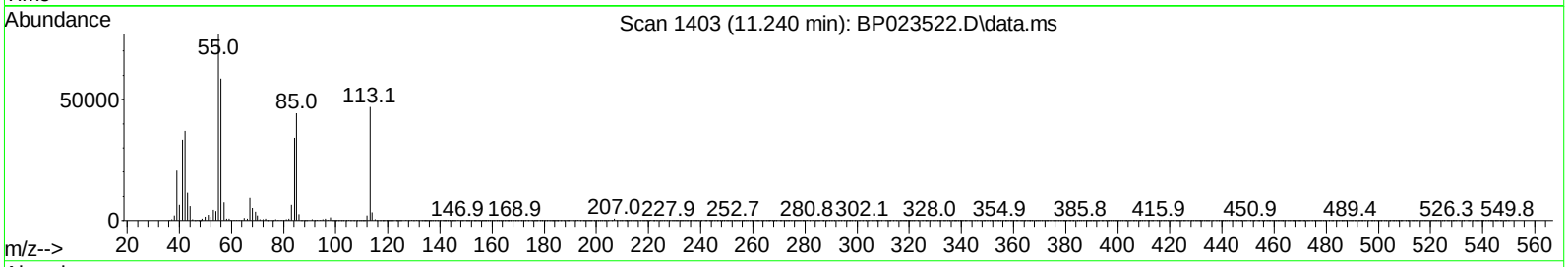

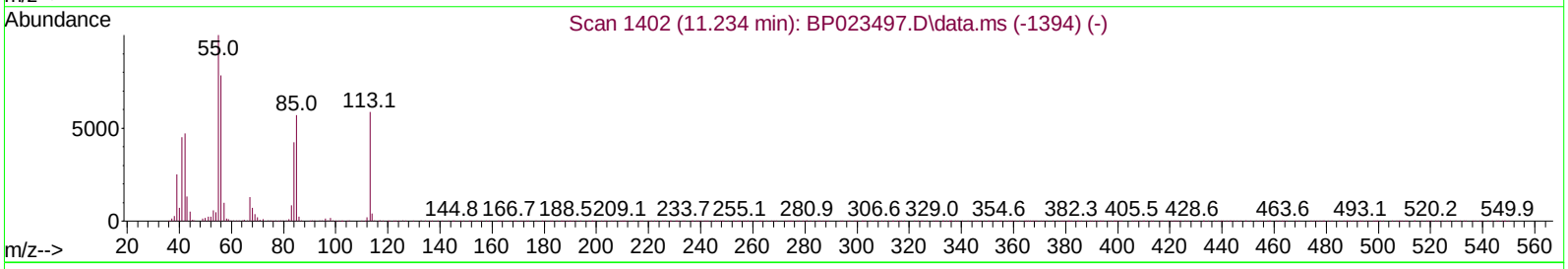

TIC: BP023522.D\data.ms

(34) Caprolactam

11.240min (-0.018) 31.28 ng/ul m

response 146664

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	164.07
56.00	125.90	125.32
0.00	0.00	0.00

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Misc :
ALS Vial : 28 Sample Multiplier: 1

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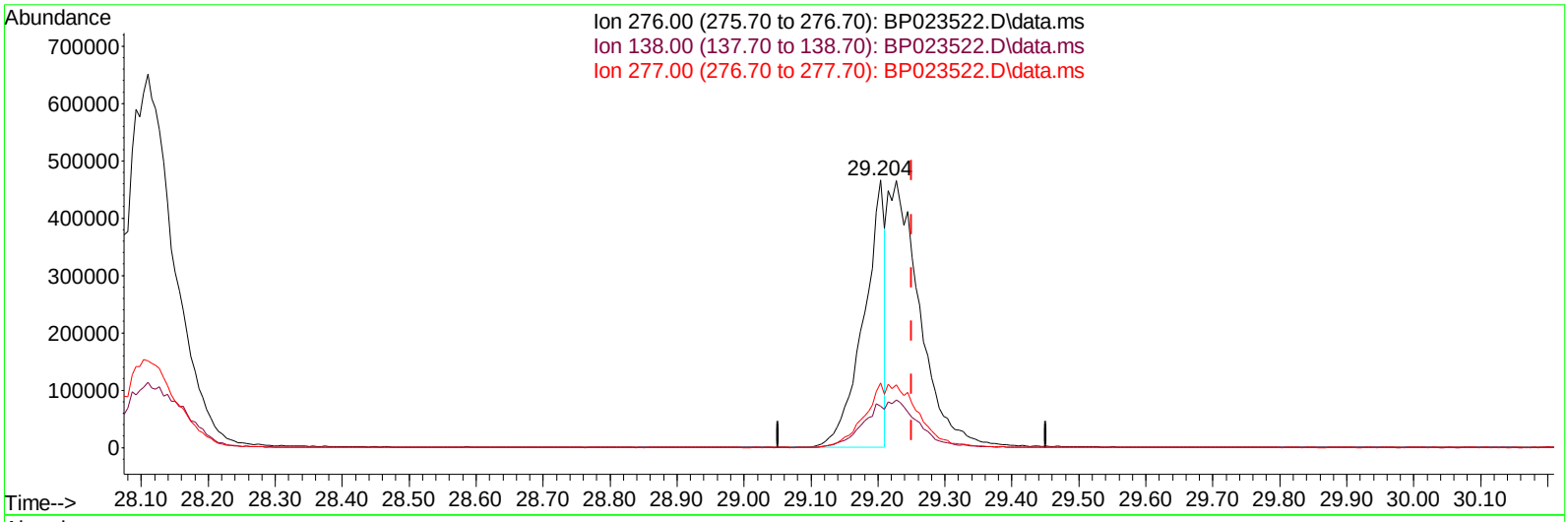

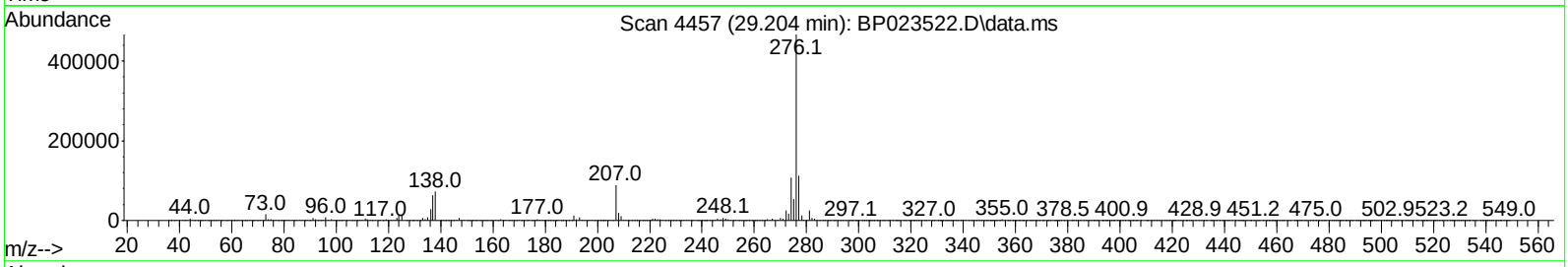

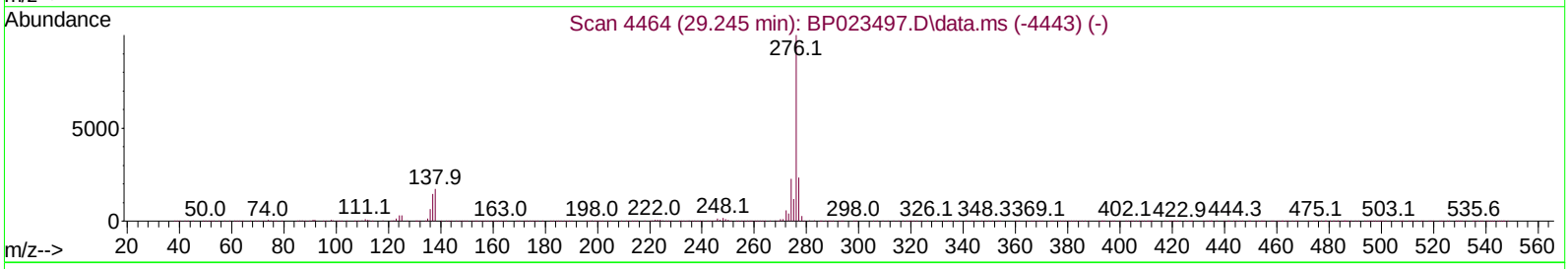

TIC: BP023522.D\data.ms

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

29.204min (-0.047) 10.84 ng/ul

response 1012012

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	15.45#
277.00	23.60	24.12
0.00	0.00	0.00

Quantitation Report (Qedit)

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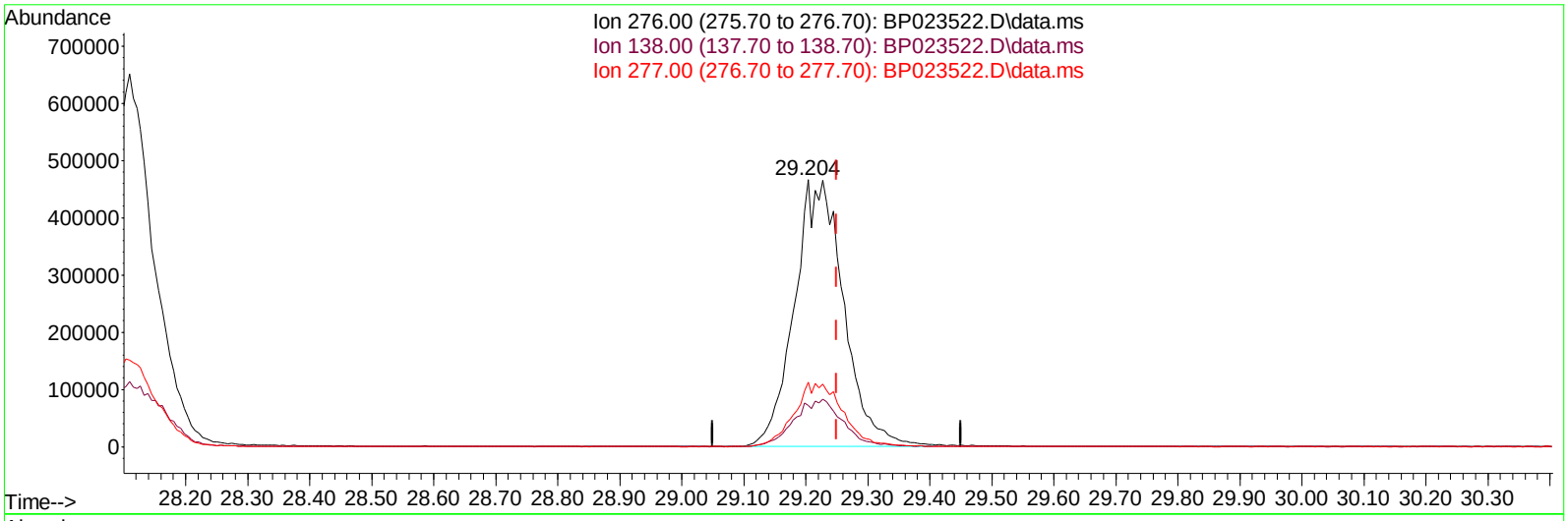

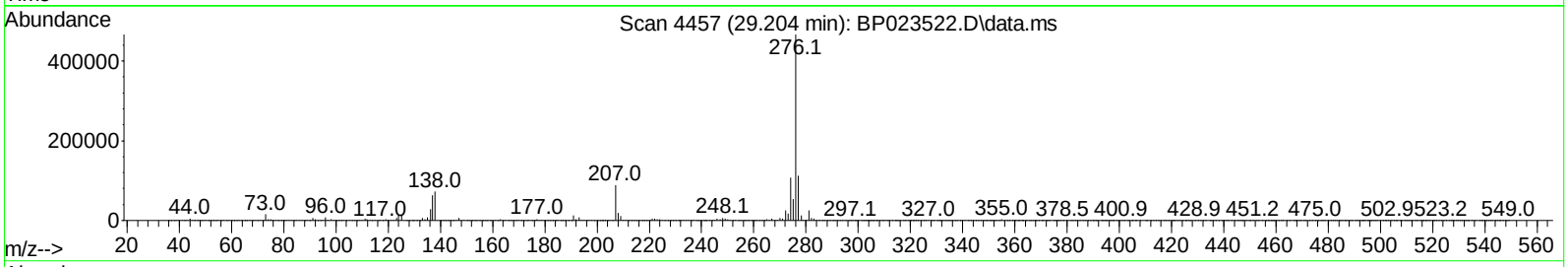

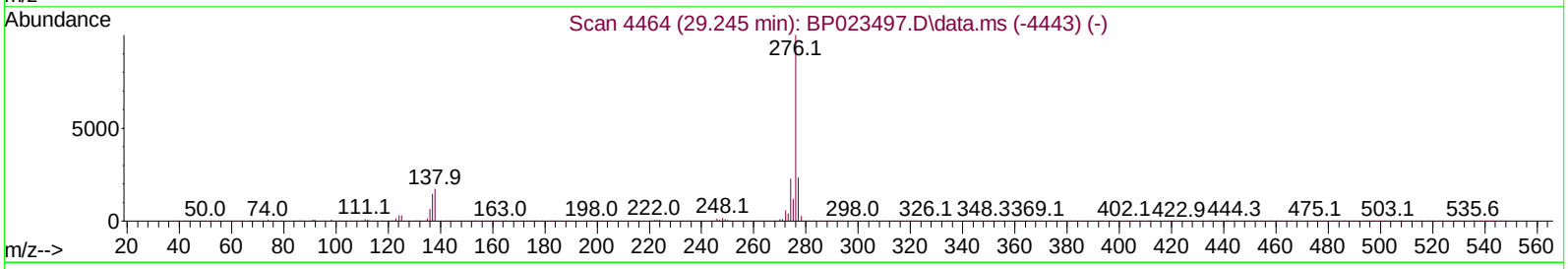

TIC: BP023522.D\data.ms

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

29.204min (-0.047) 27.51 ng/ul m

response 2567642

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	15.45#
277.00	23.60	24.12
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.522	152	245197	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.263	136	892635	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.134	164	664789	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.940	188	1523347	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.363	240	1555687	20.000	ng/ul	#-0.02
88) Perylene-d12	24.527	264	1665161	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	32469	4.875	ng/uL	0.00
4) Pyridine-d5	3.511	84	509645	29.759	ng/ul	0.00
7) Phenol-d5	6.734	99	643886	33.468	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.875	67	378235	31.161	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	450860	31.752	ng/ul	-0.01
15) 4-Methylphenol-d8	8.240	113	456193	29.380	ng/ul	-0.02
21) Nitrobenzene-d5	8.669	128	196829	29.529	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.381	143	223988	29.157	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.916	165	472687	29.153	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.422	131	488479	26.893	ng/ul	-0.02
46) Dimethylphthalate-d6	13.557	166	1422109	27.556	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	1507159	27.687	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	179494	28.382	ng/ul	0.00
60) Fluorene-d10	15.146	176	1180068	25.997	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.316	200	260386	28.283	ng/ul	0.00
73) Anthracene-d10	17.045	188	1930743	27.771	ng/ul	0.00
81) Pyrene-d10	19.422	212	2389525	29.400	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.304	264	2367515	26.560	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	69491	9.430	ng/uL	97
5) Pyridine	3.534	79	527845	30.173	ng/ul#	87
6) Benzaldehyde	6.711	77	48894	4.445	ng/ul	98
8) Phenol	6.764	94	698405	34.870	ng/ul#	83
10) Bis(2-Chloroethyl)ether	6.969	93	510004	32.258	ng/ul	100
12) 2-Chlorophenol	7.105	128	471939	31.704	ng/ul	99
13) 2-Methylphenol	7.981	108	462819	31.158	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	593132	30.850	ng/ul	98
16) Acetophenone	8.340	105	690483	26.421	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.322	70	384218	26.981	ng/ul	94
18) 4-Methylphenol	8.305	108	498437	31.089	ng/ul	94
19) Hexachloroethane	8.569	117	187984	25.937	ng/ul	90
22) Nitrobenzene	8.711	77	583037	28.746	ng/ul	98
23) Isophorone	9.222	82	1082229	30.125	ng/ul	98
25) 2-Nitrophenol	9.411	139	244172	29.755	ng/ul#	87
26) 2,4-Dimethylphenol	9.475	107	527394	29.024	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.693	93	637855	31.427	ng/ul	99
29) 2,4-Dichlorophenol	9.946	162	481795	29.982	ng/ul	98
30) Naphthalene	10.310	128	1297546	27.767	ng/ul	99
32) 4-Chloroaniline	10.446	127	323302	18.356	ng/ul	99
33) Hexachlorobutadiene	10.587	225	325935	22.866	ng/ul	98
34) Caprolactam	11.240	113	146664m	31.280	ng/ul	
35) 4-Chloro-3-methylphenol	11.593	107	533042	30.549	ng/ul	92

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Quant Title : SVOA CALIBRATION
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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	935647	27.000	ng/ul	98
37) 1-Methylnaphthalene	12.152	142	933557	26.437	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	610863	25.180	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	223593	19.183	ng/ul	99
41) 2,4,6-Trichlorophenol	12.563	196	433306	30.182	ng/ul	98
42) 2,4,5-Trichlorophenol	12.652	196	463647	30.227	ng/ul	98
43) 1,1'-Biphenyl	12.951	154	1282510	27.228	ng/ul#	97
44) 2-Chloronaphthalene	12.999	162	1032976	27.112	ng/ul	97
45) 2-Nitroaniline	13.234	65	353633	32.036	ng/ul	90
47) Dimethylphthalate	13.604	163	1454694	28.615	ng/ul	98
48) 2,6-Dinitrotoluene	13.728	165	300095	30.808	ng/ul	92
50) Acenaphthylene	13.857	152	1570072	28.323	ng/ul	100
51) 3-Nitroaniline	14.069	138	264818	32.437	ng/ul	95
52) Acenaphthene	14.204	153	1122050	27.693	ng/ul	98
53) 2,4-Dinitrophenol	14.310	184	174788	27.826	ng/ul	94
55) 4-Nitrophenol	14.428	109	229253	26.908	ng/ul#	75
56) Dibenzofuran	14.551	168	1677130	27.255	ng/ul	96
57) 2,4-Dinitrotoluene	14.551	165	446159	28.424	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.787	232	402913	26.459	ng/ul#	98
59) Diethylphthalate	14.987	149	1428255	28.171	ng/ul	99
61) Fluorene	15.204	166	1333530	26.616	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.198	204	719545	24.761	ng/ul	100
63) 4-Nitroaniline	15.263	138	282218	39.303	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.334	198	286776	29.363	ng/ul	98
67) N-Nitrosodiphenylamine	15.422	169	1170303	30.084	ng/ul	100
68) 4-Bromophenyl-phenylether	16.116	248	459699	25.563	ng/ul	99
69) Hexachlorobenzene	16.234	284	524981	23.829	ng/ul	98
70) Atrazine	16.410	200	487566	28.803	ng/ul	99
71) Pentachlorophenol	16.598	266	341610	26.565	ng/ul	95
72) Phenanthrene	16.987	178	2287062	29.040	ng/ul	99
74) Anthracene	17.087	178	2258640	28.682	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	612227	27.881	ng/uL	99
76) Pentachlorobenzene	14.463	250	619586	25.599	ng/uL	99
77) Carbazole	17.375	167	2083552	32.476	ng/ul	99
78) Di-n-butylphthalate	17.939	149	2437948	30.927	ng/ul	98
80) Fluoranthene	19.075	202	2880359	30.927	ng/ul#	94
82) Pyrene	19.451	202	2976238	30.115	ng/ul#	90
83) Butylbenzylphthalate	20.410	149	1162017	33.948	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.269	252	981788	27.503	ng/ul#	98
85) Benzo(a)anthracene	21.351	228	2936896	28.153	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.269	149	1649648	33.560	ng/ul	99
87) Chrysene	21.410	228	2733759	27.345	ng/ul	99
89) Di-n-octyl phthalate	22.469	149	2790038	34.307	ng/ul	100
90) Benzo(b)fluoranthene	23.527	252	2999412	28.670	ng/ul#	98
91) Benzo(k)fluoranthene	23.598	252	2830871	27.195	ng/ul#	99
93) Benzo(a)pyrene	24.374	252	2635889	27.788	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.110	276	3256597	26.715	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.162	278	2586018	26.508	ng/ul#	95
96) Benzo(g,h,i)perylene	29.204	276	2567642m	27.511	ng/ul	

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

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