Quantitation Report (Qedit)

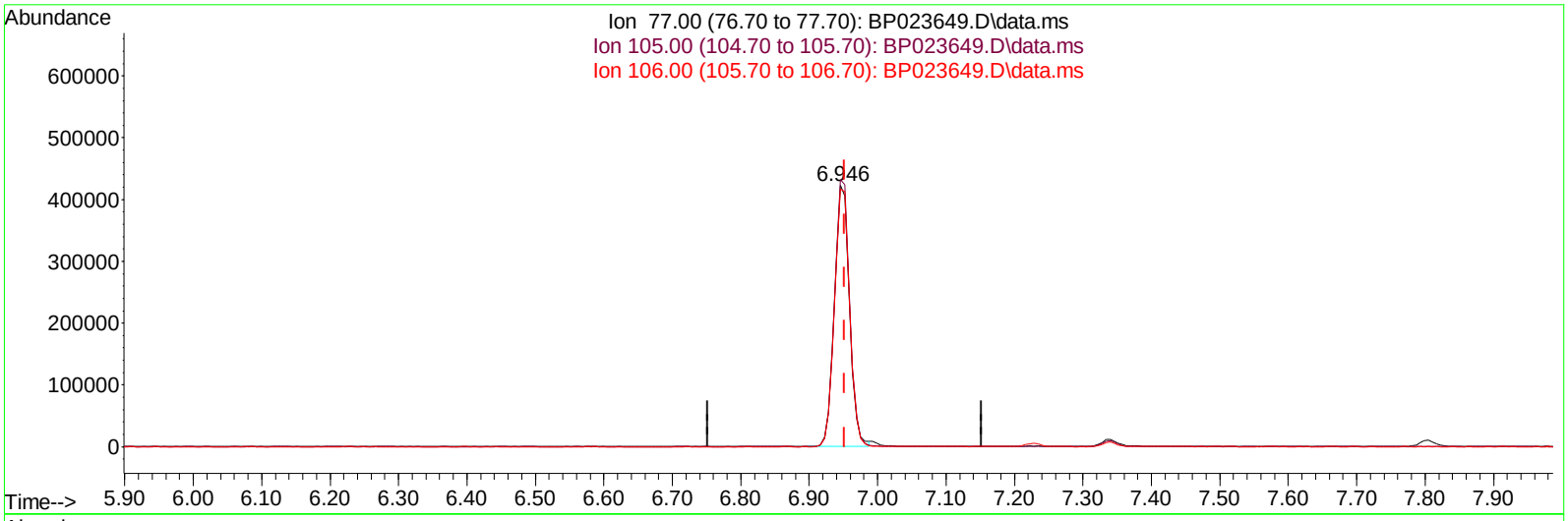
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011725\
Data File : BP023649.D
Acq On : 18 Jan 2025 06:14
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

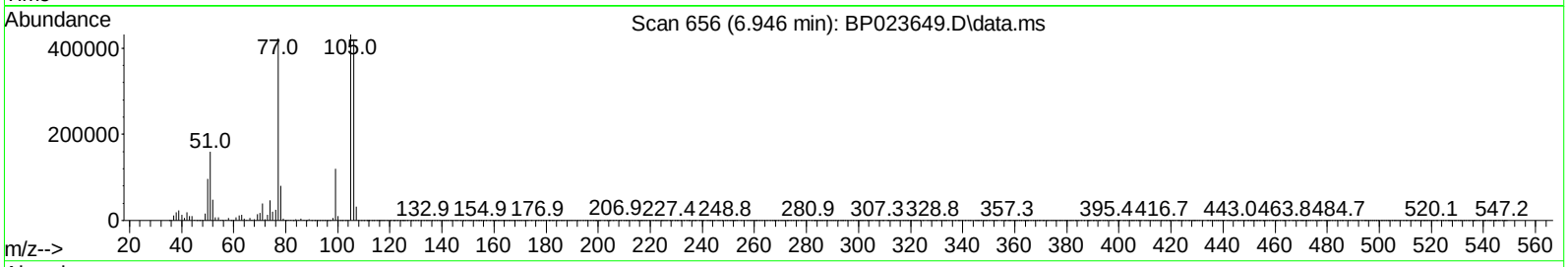
Quant Time: Jan 18 06:36:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 16:27:27 2025
Response via : Initial Calibration

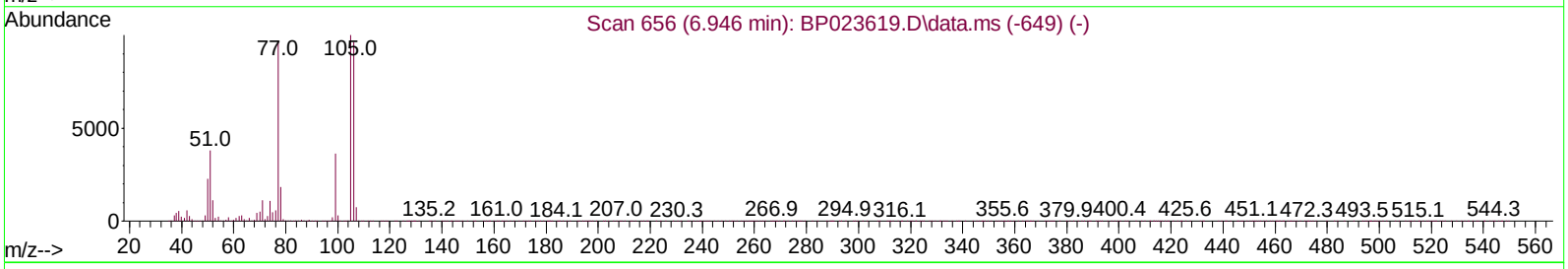
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025







TIC: BP023649.D\data.ms

(6) Benzaldehyde

6.946min (-0.006) 27.07 ng/ul

response 646024

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	102.17
106.00	100.60	98.73
0.00	0.00	0.00

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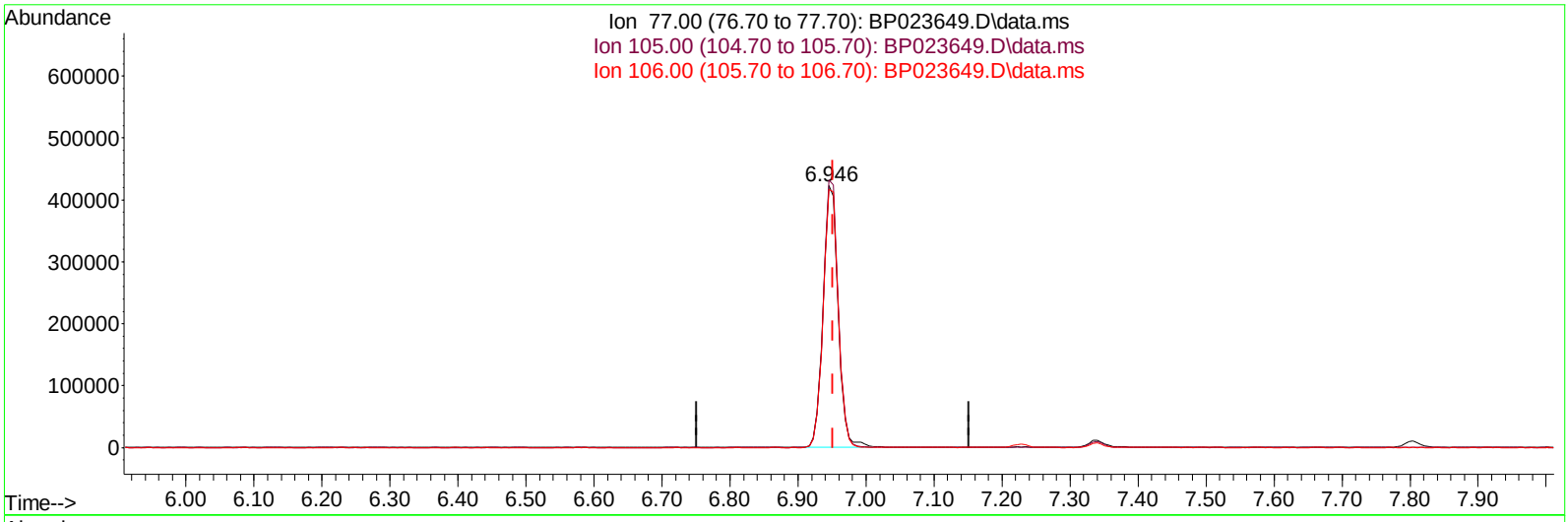

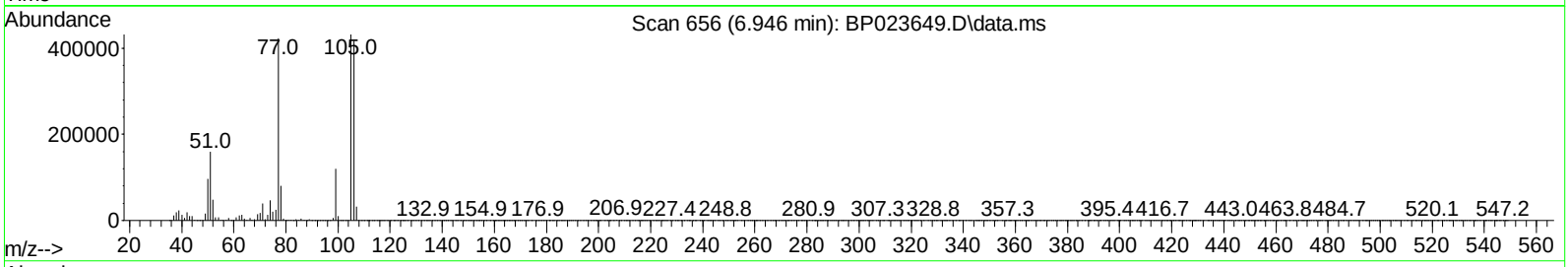

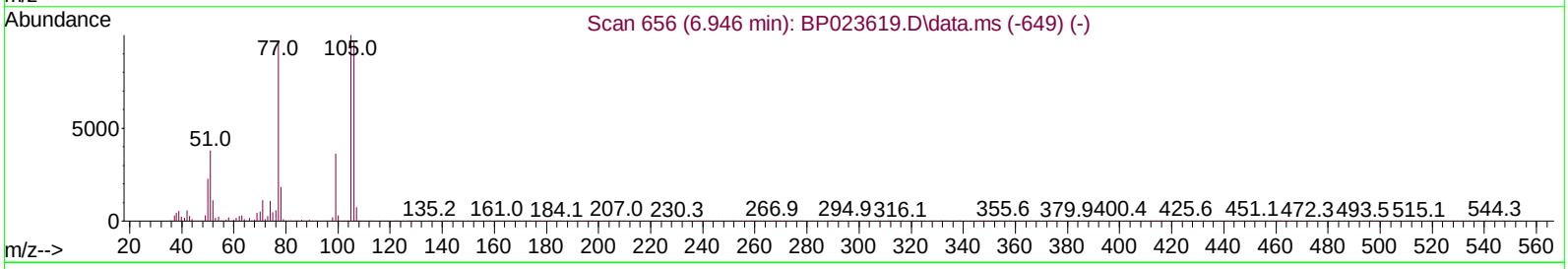

TIC: BP023649.D\data.ms

(6) Benzaldehyde

6.946min (-0.006) 27.36 ng/ul m

response 652842

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.90	102.17
106.00	100.60	98.73
0.00	0.00	0.00

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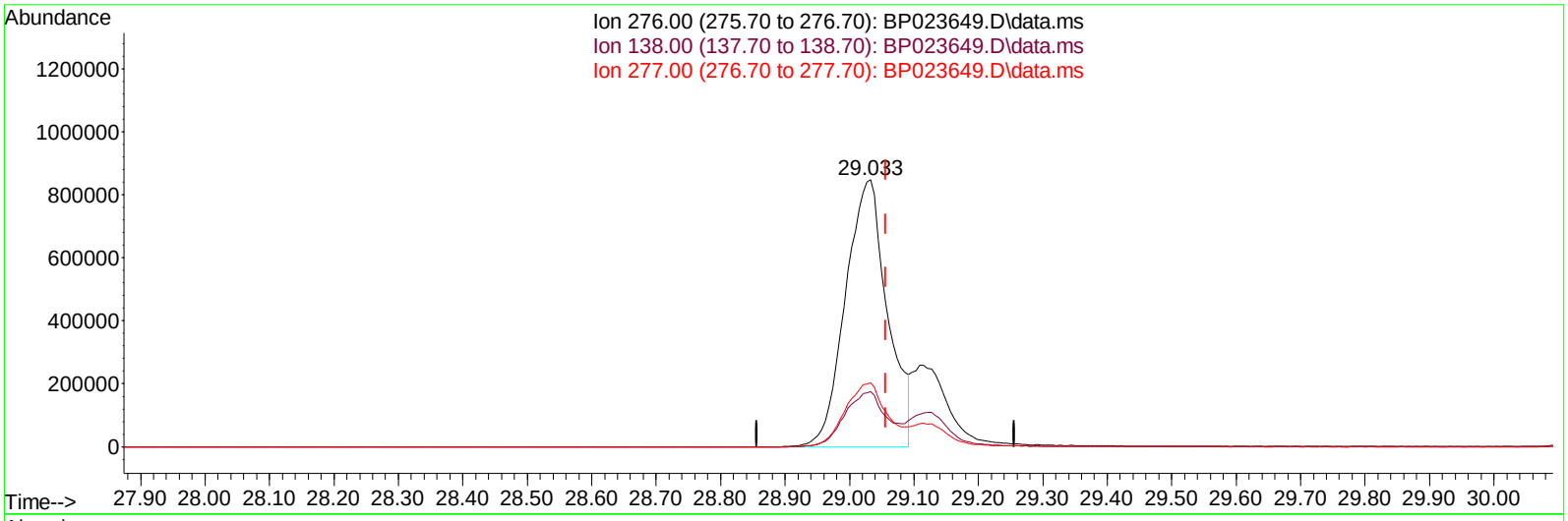

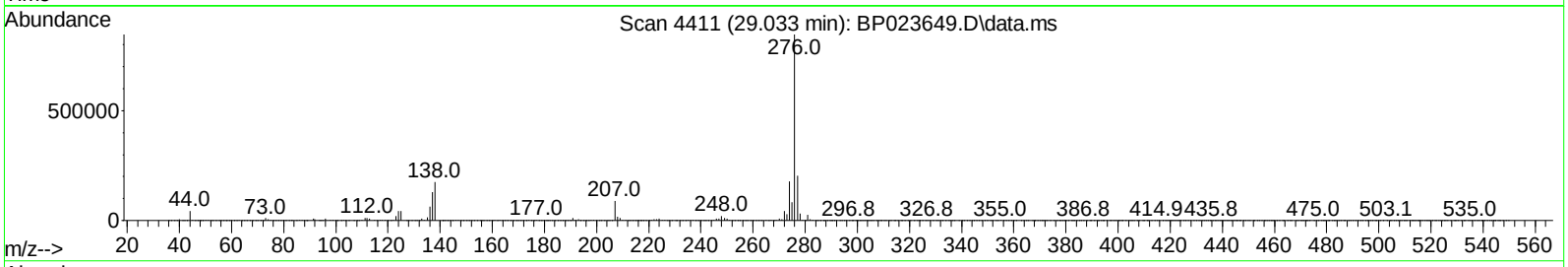

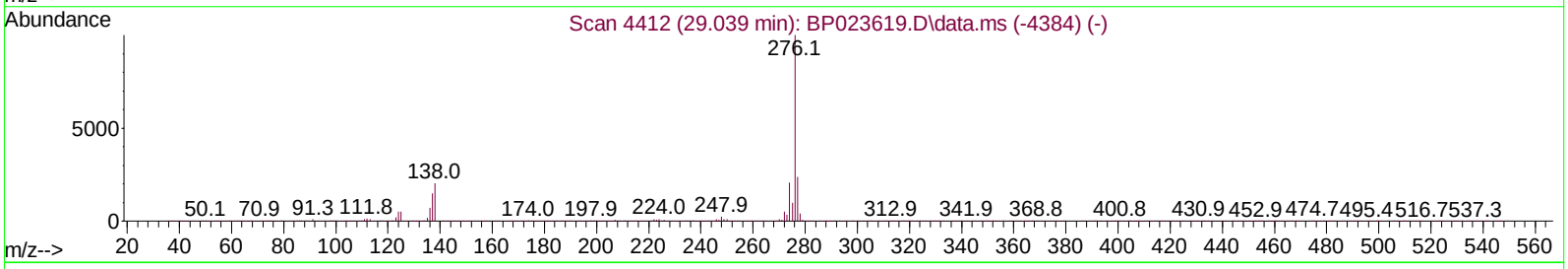

TIC: BP023649.D\data.ms

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

29.033min (-0.024) 16.92 ng/ul

response 3852667

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.77
277.00	24.20	23.94
0.00	0.00	0.00

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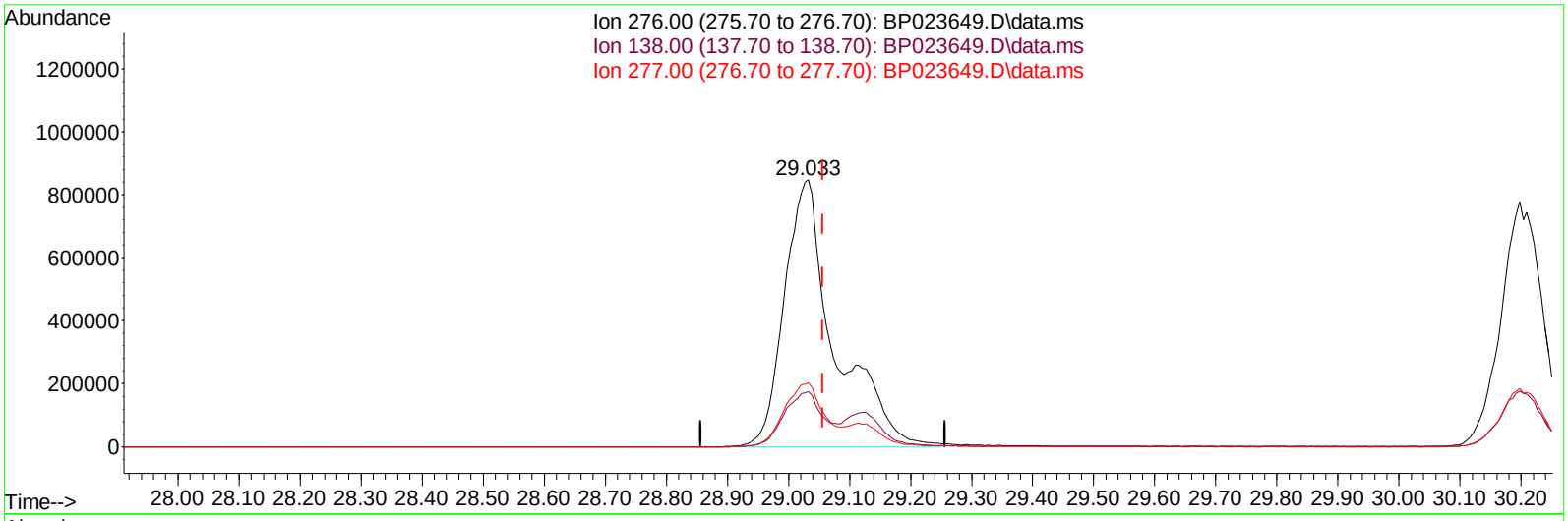

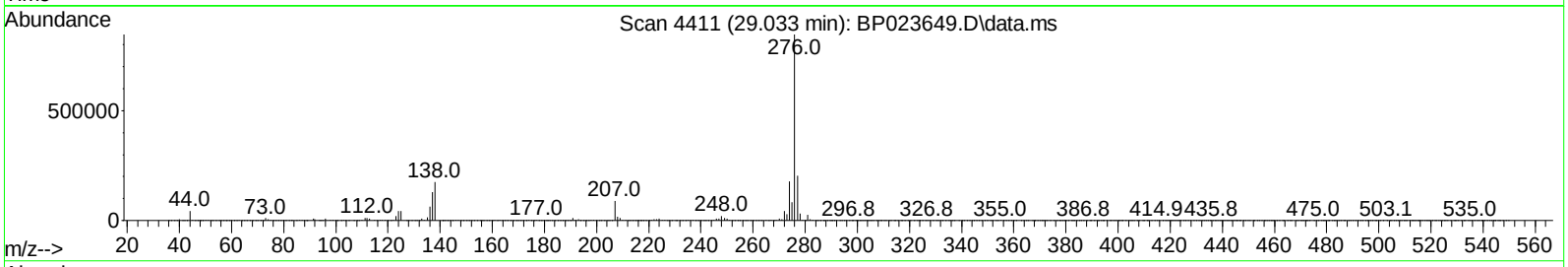

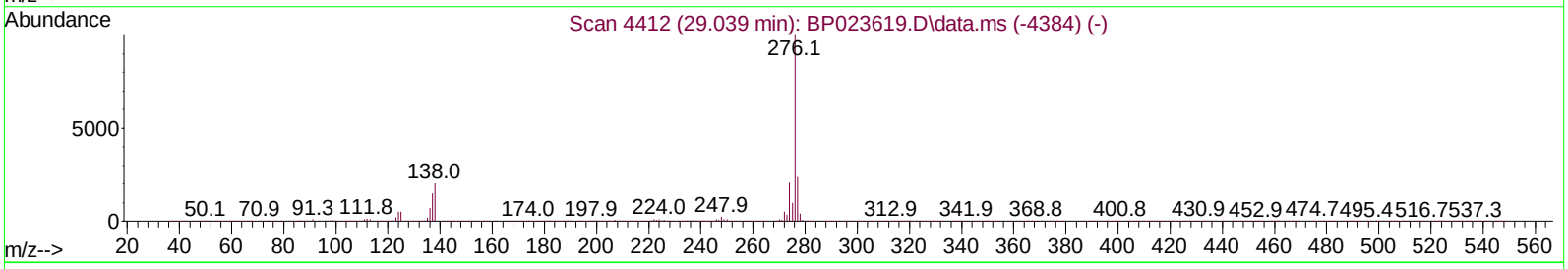

TIC: BP023649.D\data.ms

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

29.033min (-0.024) 21.30 ng/ul m

response 4849835

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.40	20.77
277.00	24.20	23.94
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	513058	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	2254962	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	1449650	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2914840	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	3077962	20.000	ng/ul	0.00
88) Perylene-d12	25.121	264	3095940	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	111607	8.021	ng/uL	-0.01
4) Pyridine-d5	3.711	84	835563	21.540	ng/ul	0.00
7) Phenol-d5	6.963	99	996429	22.559	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	571733	22.095	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	781461	22.402	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	787927	22.998	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	376098	21.852	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	317460	28.100	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	752985	21.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	1198077	21.839	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	2372838	21.032	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	2793909	20.817	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.610	143	435402	23.218	ng/ul	0.00
60) Fluorene-d10	15.434	176	2009383	20.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	223348	23.550	ng/ul	-0.01
73) Anthracene-d10	17.333	188	3243998	20.617	ng/ul	-0.01
81) Pyrene-d10	19.710	212	3669780	21.522	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.886	264	3563403	21.180	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	117987	8.013	ng/uL	96
5) Pyridine	3.728	79	852678	21.794	ng/ul	98
6) Benzaldehyde	6.946	77	652842m	27.356	ng/ul	
8) Phenol	6.987	94	1049054	22.281	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.228	93	826592	22.194	ng/ul	98
12) 2-Chlorophenol	7.369	128	824363	22.077	ng/ul	99
13) 2-Methylphenol	8.228	108	775637	22.570	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.322	45	863905	22.392	ng/ul	99
16) Acetophenone	8.610	105	1333183	22.717	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	618061	21.666	ng/ul	98
18) 4-Methylphenol	8.552	108	860216	22.772	ng/ul	98
19) Hexachloroethane	8.881	117	323995	21.618	ng/ul	96
22) Nitrobenzene	8.987	77	894259	21.349	ng/ul	97
23) Isophorone	9.510	82	1763358	20.727	ng/ul	100
25) 2-Nitrophenol	9.693	139	395430	26.688	ng/ul	98
26) 2,4-Dimethylphenol	9.752	107	863951	21.076	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	1104667	20.691	ng/ul	99
29) 2,4-Dichlorophenol	10.222	162	773924	21.755	ng/ul	98
30) Naphthalene	10.634	128	2747552	20.569	ng/ul	99
32) 4-Chloroaniline	10.728	127	1144060	21.792	ng/ul	99
33) Hexachlorobutadiene	10.928	225	479623	20.335	ng/ul	100
34) Caprolactam	11.481	113	283857	21.844	ng/ul	95
35) 4-Chloro-3-methylphenol	11.846	107	816982	22.533	ng/ul	99

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Misc :
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Quant Time: Jan 18 07:24:32 2025
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Quant Title : SVOA CALIBRATION
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Instrument :
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SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025
Supervised By :mohammad ahmed 01/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.240	142	1890130	20.935	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	1875614	20.916	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	958054	20.029	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	414065	22.424	ng/ul	99
41) 2,4,6-Trichlorophenol	12.845	196	561615	22.555	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	629252	22.724	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	2457387	20.485	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	1912809	20.470	ng/ul	99
45) 2-Nitroaniline	13.481	65	445038	24.077	ng/ul	98
47) Dimethylphthalate	13.875	163	2350597	20.739	ng/ul	100
48) 2,6-Dinitrotoluene	13.992	165	418718	24.049	ng/ul	90
50) Acenaphthylene	14.140	152	3024807	20.800	ng/ul	99
51) 3-Nitroaniline	14.322	138	491922	24.008	ng/ul	92
52) Acenaphthene	14.492	153	2093652	20.552	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	155610	28.241	ng/ul	90
55) 4-Nitrophenol	14.628	109	341178	23.439	ng/ul	96
56) Dibenzofuran	14.828	168	2890280	20.843	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	633822	24.093	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.057	232	510982	23.603	ng/ul	97
59) Diethylphthalate	15.269	149	2343643	20.974	ng/ul	99
61) Fluorene	15.486	166	2450606	21.048	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	1179566	20.733	ng/ul	98
63) 4-Nitroaniline	15.492	138	559590	25.997	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.557	198	272139	24.111	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	1987659	20.366	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	707042	20.349	ng/ul	97
69) Hexachlorobenzene	16.522	284	850813	19.972	ng/ul	99
70) Atrazine	16.686	200	727894	21.483	ng/ul	99
71) Pentachlorophenol	16.869	266	462687	22.274	ng/ul	98
72) Phenanthrene	17.275	178	3732055	20.422	ng/ul	100
74) Anthracene	17.375	178	3756844	20.489	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	947668	19.866	ng/uL	99
76) Pentachlorobenzene	14.751	250	1009578	19.978	ng/uL	99
77) Carbazole	17.639	167	3513215	23.069	ng/ul	99
78) Di-n-butylphthalate	18.257	149	3943477	22.296	ng/ul	100
80) Fluoranthene	19.369	202	4329760	22.199	ng/ul	97
82) Pyrene	19.739	202	4679987	22.022	ng/ul	99
83) Butylbenzylphthalate	20.704	149	1525364	27.322	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.592	252	1216869	23.305	ng/ul	99
85) Benzo(a)anthracene	21.686	228	4625709	21.138	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.645	149	2415950	25.365	ng/ul	99
87) Chrysene	21.751	228	4294941	21.077	ng/ul	99
89) Di-n-octyl phthalate	22.963	149	3387375	25.994	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	4247470	21.837	ng/ul	100
91) Benzo(k)fluoranthene	24.110	252	4414642	20.711	ng/ul	100
93) Benzo(a)pyrene	24.968	252	4044483	21.136	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.033	276	4849835m	21.302	ng/ul	
95) Dibenzo(a,h)anthracene	29.127	278	3934877	21.325	ng/ul	98
96) Benzo(g,h,i)perylene	30.197	276	3760582	21.055	ng/ul	98

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

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