Quantitation Report (Qedit)

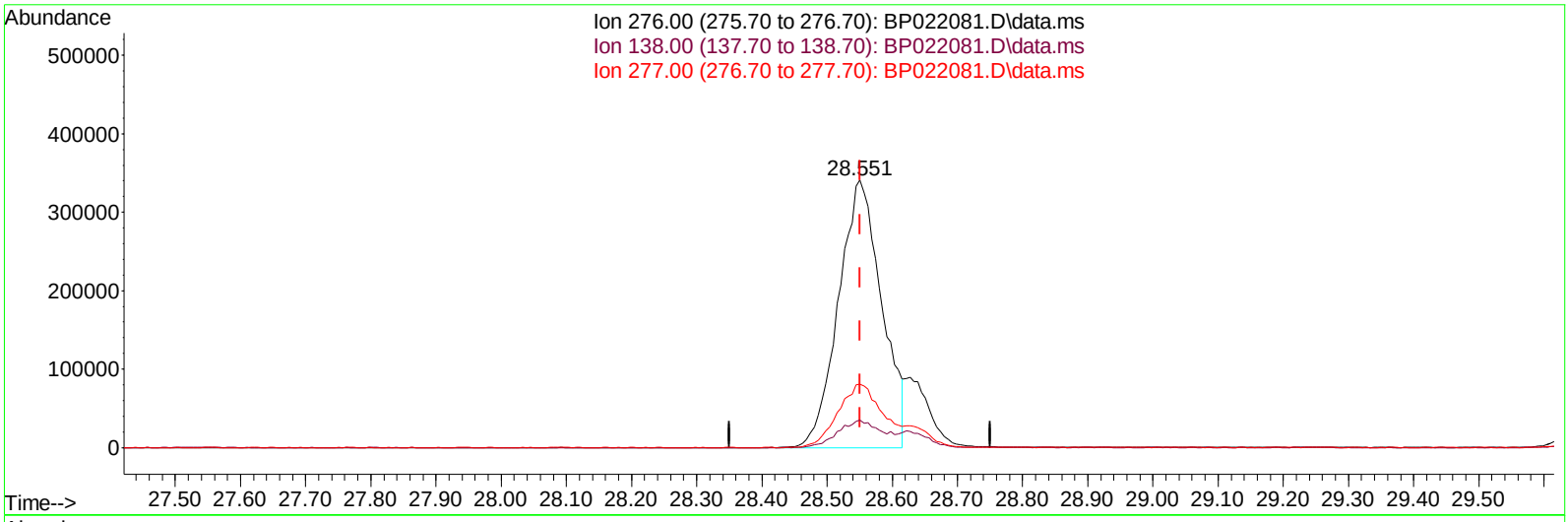
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022081.D
Acq On : 27 Sep 2024 20:57
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 10 Sample Multiplier: 1

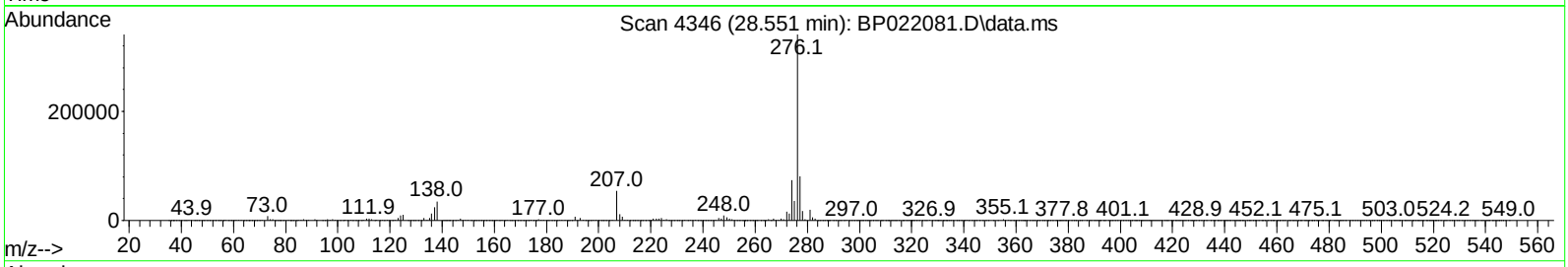
Quant Time: Sep 28 01:12:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

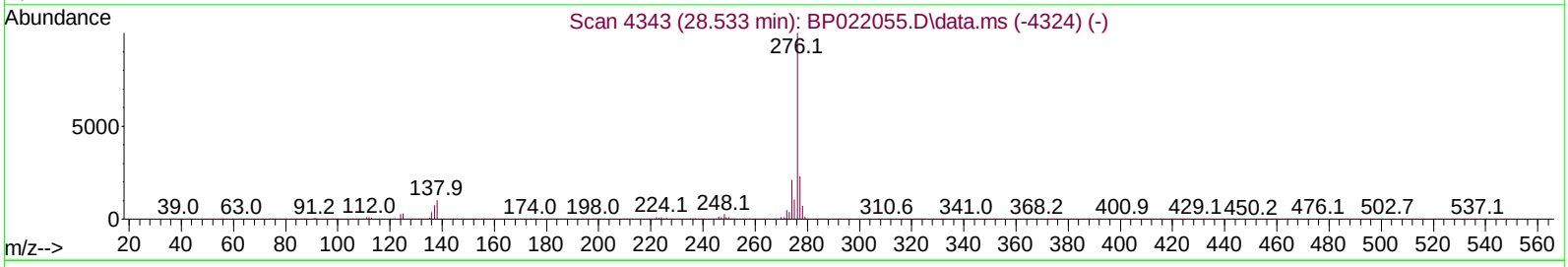
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024







TIC: BP022081.D\data.ms

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

28.551min (+ 0.000) 17.46 ng/ul

response 1568161

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.24
277.00	24.20	23.78
0.00	0.00	0.00

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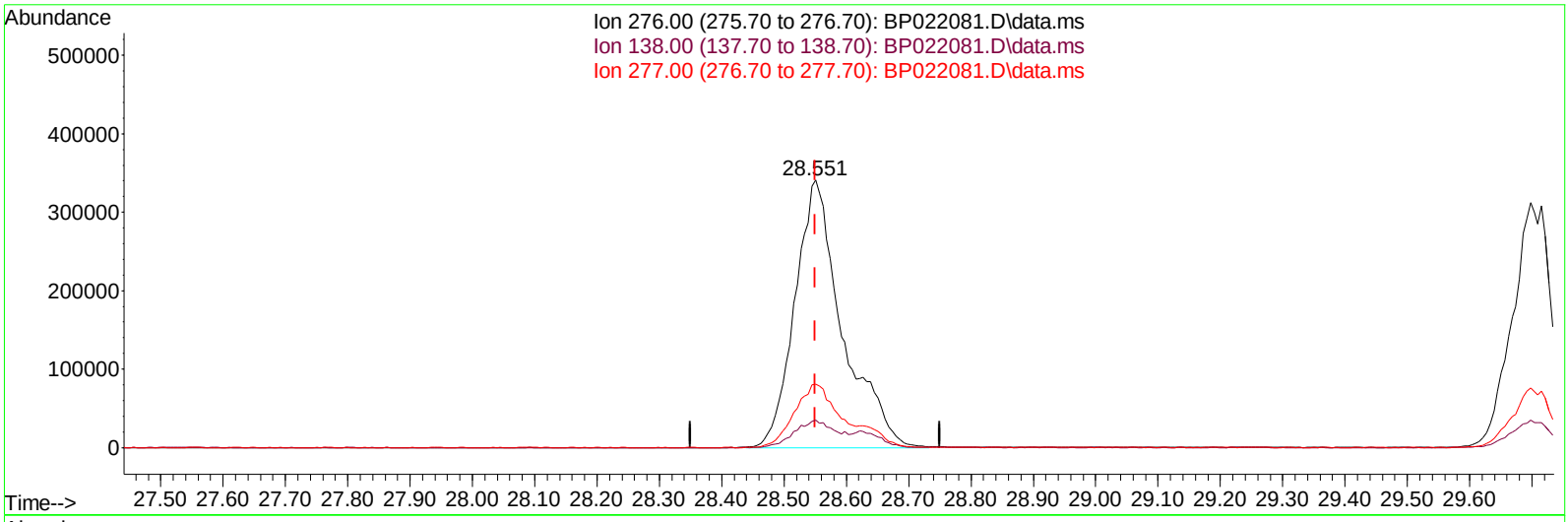

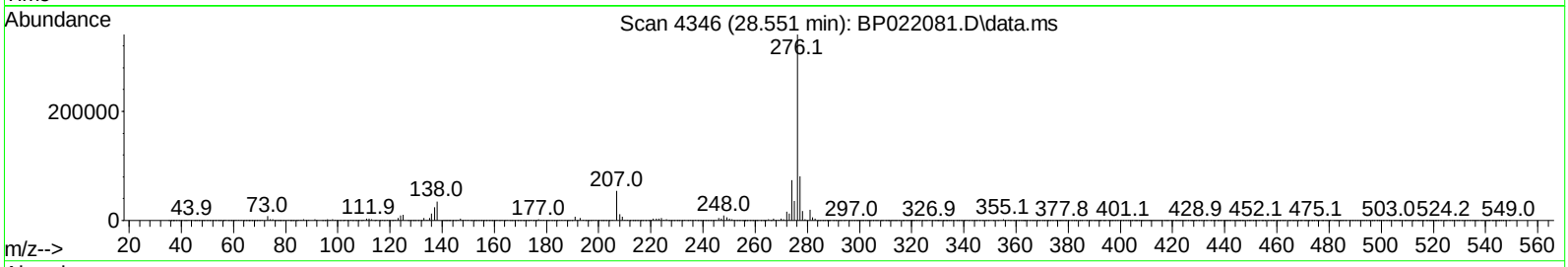

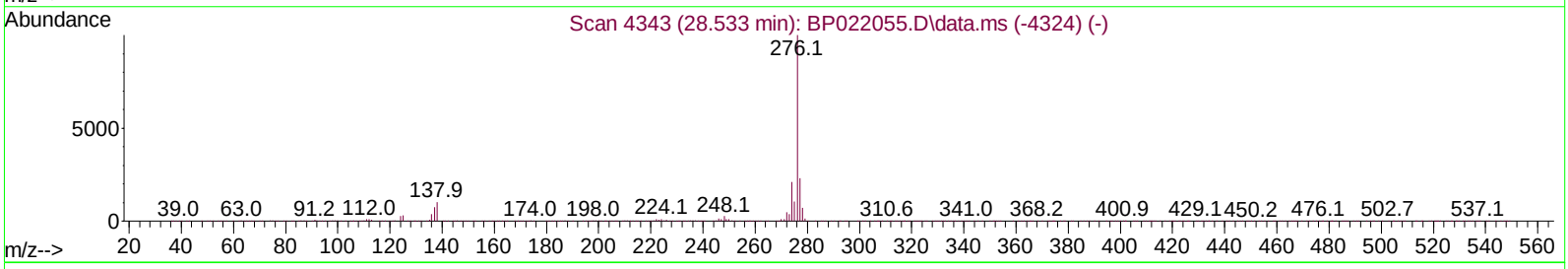

TIC: BP022081.D\data.ms

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

28.551min (+ 0.000) 20.07 ng/ul m

response 1802137

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.24
277.00	24.20	23.78
0.00	0.00	0.00

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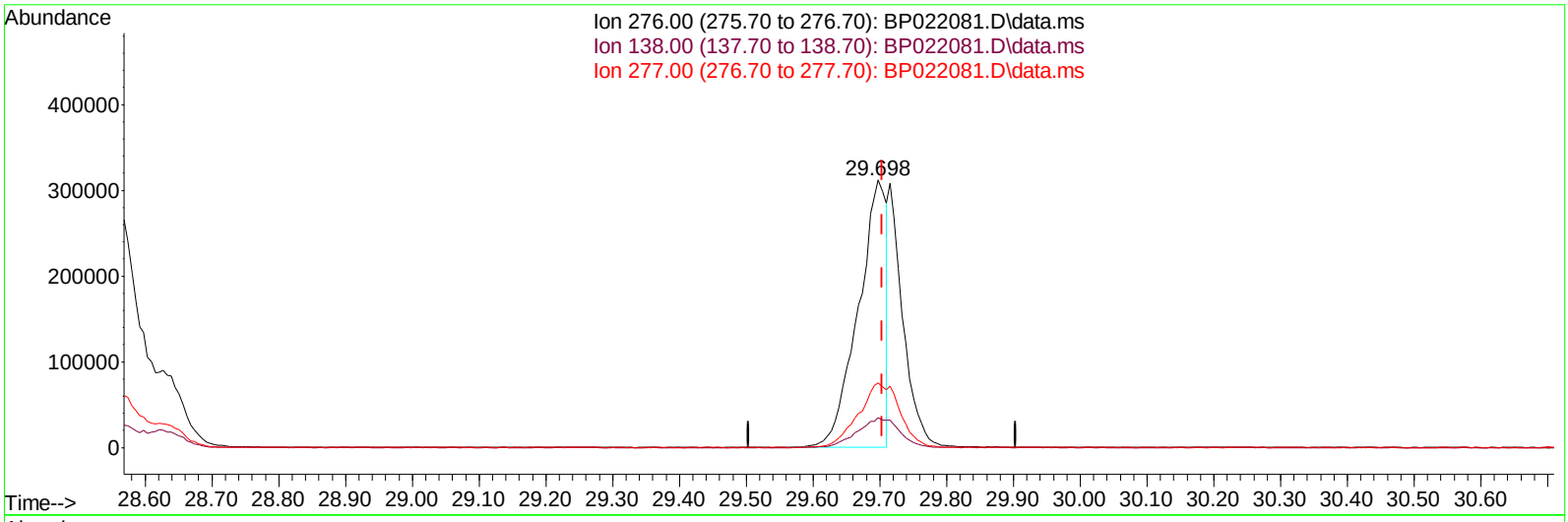

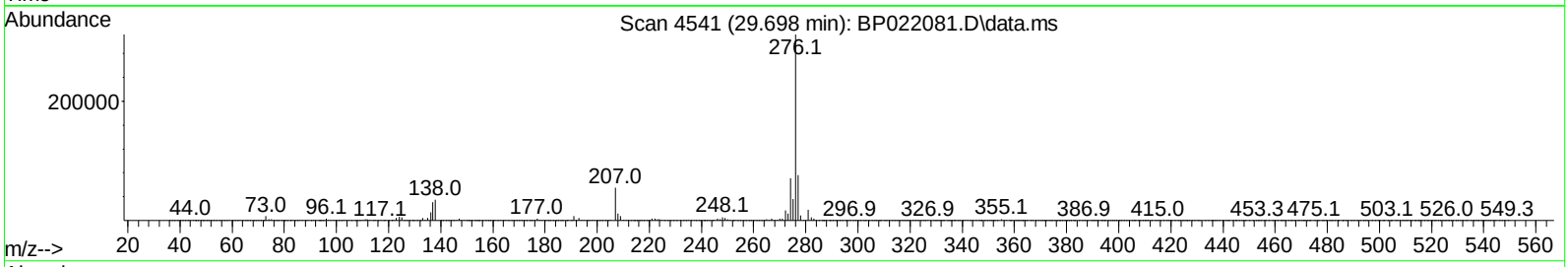

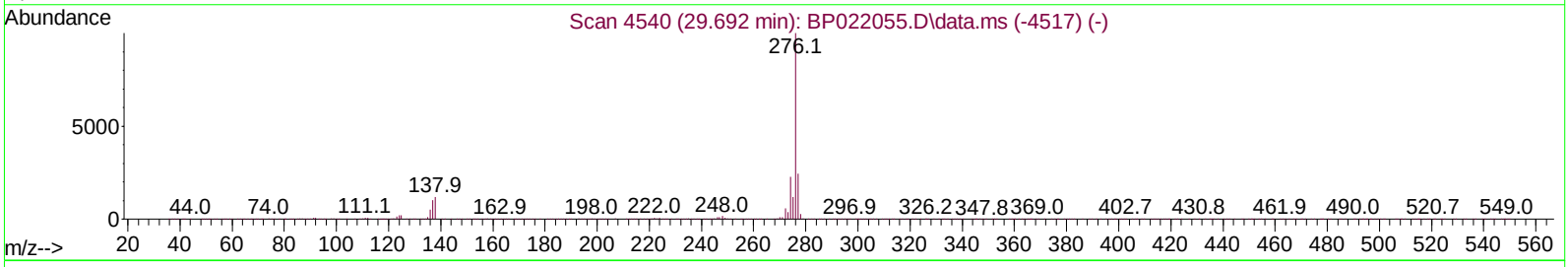

TIC: BP022081.D\data.ms

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

29.698min (-0.006) 13.03 ng/ul

response 908043

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.14
277.00	23.90	24.27
0.00	0.00	0.00

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LabSampleId :
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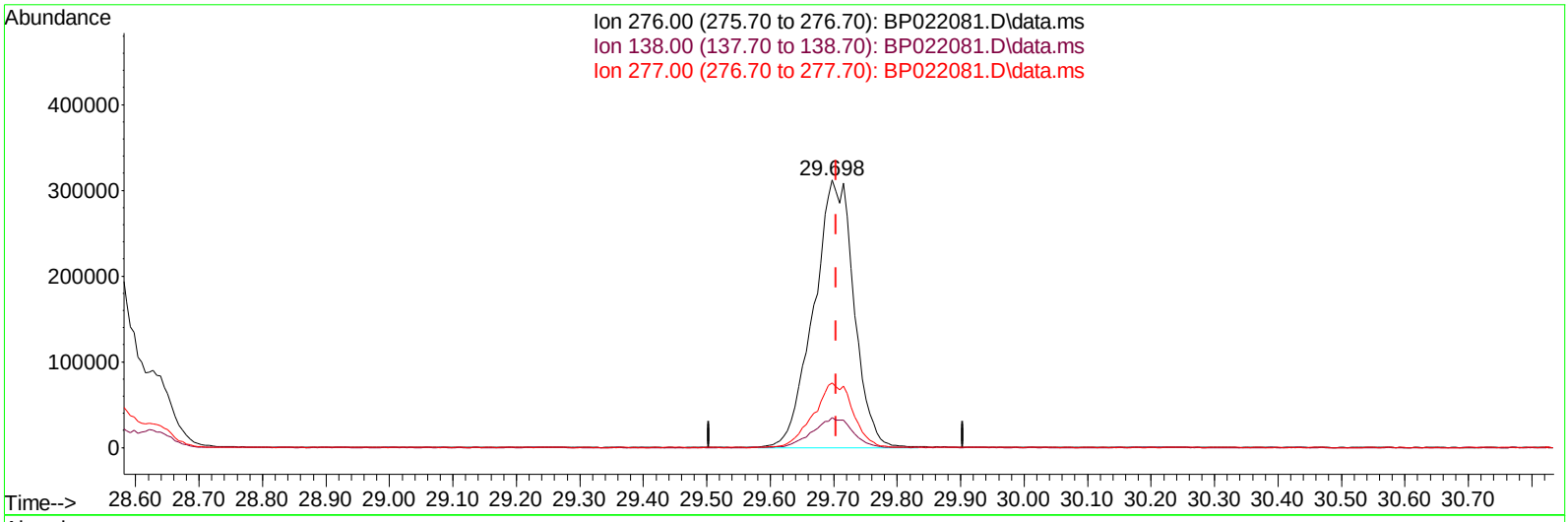

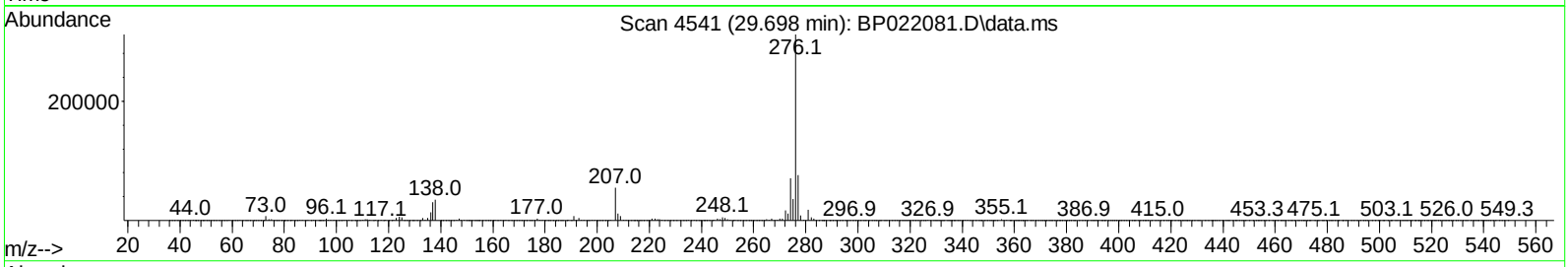

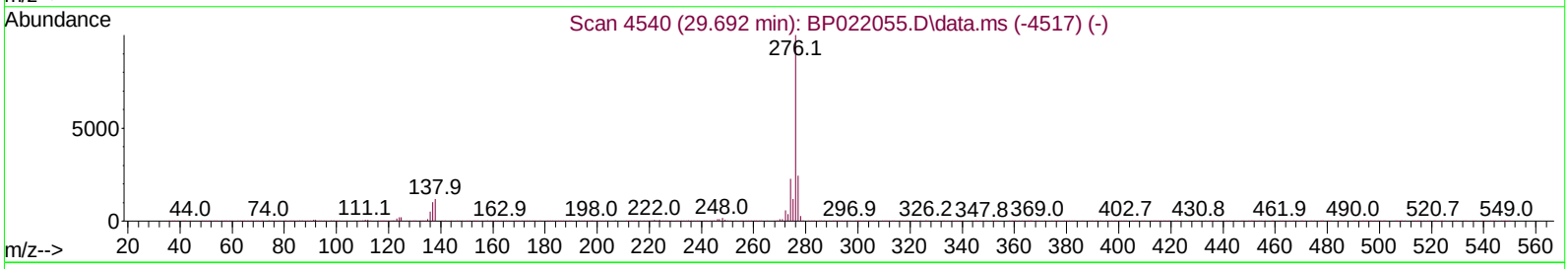

TIC: BP022081.D\data.ms

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

29.698min (-0.006) 19.73 ng/ul m

response 1374491

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.14
277.00	23.90	24.27
0.00	0.00	0.00

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Quant Time: Sep 28 02:45:52 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	135074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	517631	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	397049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	955134	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1048950	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1204067	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	23795	6.900	ng/uL	0.00
4) Pyridine-d5	3.640	84	180293	18.291	ng/ul	0.00
7) Phenol-d5	6.887	99	213184	19.294	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	129212	18.992	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	167298	20.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	176443	20.153	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	80446	20.764	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	95879	21.826	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	197392	20.691	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	224130	19.691	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	628443	20.476	ng/ul	0.01
49) Acenaphthylene-d8	14.010	160	666783	20.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	97149	18.505	ng/ul	0.00
60) Fluorene-d10	15.328	176	539108	19.857	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	115566	19.489	ng/ul	0.01
73) Anthracene-d10	17.222	188	884341	19.833	ng/ul	0.00
81) Pyrene-d10	19.592	212	1100306	20.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	1295887	20.463	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	24858	6.654	ng/uL	97
5) Pyridine	3.658	79	185125	18.486	ng/ul	99
6) Benzaldehyde	6.858	77	146306	23.407	ng/ul	94
8) Phenol	6.916	94	222244	19.274	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.134	93	169843	19.245	ng/ul	99
12) 2-Chlorophenol	7.281	128	169410	20.442	ng/ul	98
13) 2-Methylphenol	8.146	108	164360	19.654	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	158885	19.407	ng/ul	100
16) Acetophenone	8.516	105	287358	19.731	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.505	70	151664	20.088	ng/ul	97
18) 4-Methylphenol	8.469	108	179374	19.669	ng/ul	98
19) Hexachloroethane	8.775	117	76077	19.446	ng/ul	98
22) Nitrobenzene	8.887	77	226325	19.107	ng/ul	99
23) Isophorone	9.410	82	411084	20.036	ng/ul	97
25) 2-Nitrophenol	9.587	139	101496	21.594	ng/ul	98
26) 2,4-Dimethylphenol	9.652	107	214754	20.169	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.881	93	233017	19.702	ng/ul	100
29) 2,4-Dichlorophenol	10.122	162	196807	20.765	ng/ul	98
30) Naphthalene	10.516	128	542241	19.909	ng/ul	99
32) 4-Chloroaniline	10.628	127	222182	19.709	ng/ul	99
33) Hexachlorobutadiene	10.805	225	168781	20.057	ng/ul	97
34) Caprolactam	11.399	113	56993	19.823	ng/ul	89
35) 4-Chloro-3-methylphenol	11.752	107	205780	20.069	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	400824	19.803	ng/ul	99
37) 1-Methylnaphthalene	12.346	142	400670	19.628	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	299287	20.331	ng/ul#	97
40) Hexachlorocyclopentadiene	12.481	237	188168	20.321	ng/ul	98
41) 2,4,6-Trichlorophenol	12.746	196	185749	21.107	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	203336	21.337	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	577379	20.335	ng/ul	97
44) 2-Chloronaphthalene	13.187	162	467601	20.454	ng/ul	98
45) 2-Nitroaniline	13.393	65	129391	19.574	ng/ul	92
47) Dimethylphthalate	13.781	163	609425	19.769	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	121332	20.531	ng/ul	97
50) Acenaphthylene	14.040	152	691546	20.407	ng/ul	100
51) 3-Nitroaniline	14.216	138	108914	20.242	ng/ul	97
52) Acenaphthene	14.381	153	492599	20.006	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	77156	19.188	ng/ul	95
55) 4-Nitrophenol	14.540	109	108912	18.337	ng/ul	93
56) Dibenzofuran	14.728	168	717116	19.590	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	185283	20.344	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.957	232	188345	20.532	ng/ul	100
59) Diethylphthalate	15.157	149	606670	19.885	ng/ul	98
61) Fluorene	15.381	166	590825	19.408	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.387	204	343818	19.617	ng/ul	99
63) 4-Nitroaniline	15.404	138	118623	21.662	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	126504	19.595	ng/ul#	96
67) N-Nitrosodiphenylamine	15.592	169	515410	20.488	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	241266	21.034	ng/ul	98
69) Hexachlorobenzene	16.410	284	299719	21.520	ng/ul	94
70) Atrazine	16.575	200	227244	20.250	ng/ul	98
71) Pentachlorophenol	16.763	266	184124	19.815	ng/ul	100
72) Phenanthrene	17.169	178	980630	19.582	ng/ul	99
74) Anthracene	17.257	178	999399	19.610	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.116	216	306684	21.397	ng/uL	98
76) Pentachlorobenzene	14.640	250	330566	20.972	ng/uL	99
77) Carbazole	17.545	167	866356	19.288	ng/ul	99
78) Di-n-butylphthalate	18.128	149	1030138	19.893	ng/ul	99
80) Fluoranthene	19.245	202	1263826	20.347	ng/ul	98
82) Pyrene	19.628	202	1340230	20.046	ng/ul	97
83) Butylbenzylphthalate	20.575	149	494116	21.206	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.445	252	503690	20.972	ng/ul	99
85) Benzo(a)anthracene	21.522	228	1432320	19.814	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	719551	21.048	ng/ul	100
87) Chrysene	21.592	228	1303190	19.209	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	1196189	20.110	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1511851	20.227	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	1443422	19.376	ng/ul	99
93) Benzo(a)pyrene	24.674	252	1370849	19.904	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.551	276	1802137m	20.068	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	1448582	20.024	ng/ul#	98
96) Benzo(g,h,i)perylene	29.698	276	1374491m	19.726	ng/ul	

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

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