Quantitation Report (Qedit)

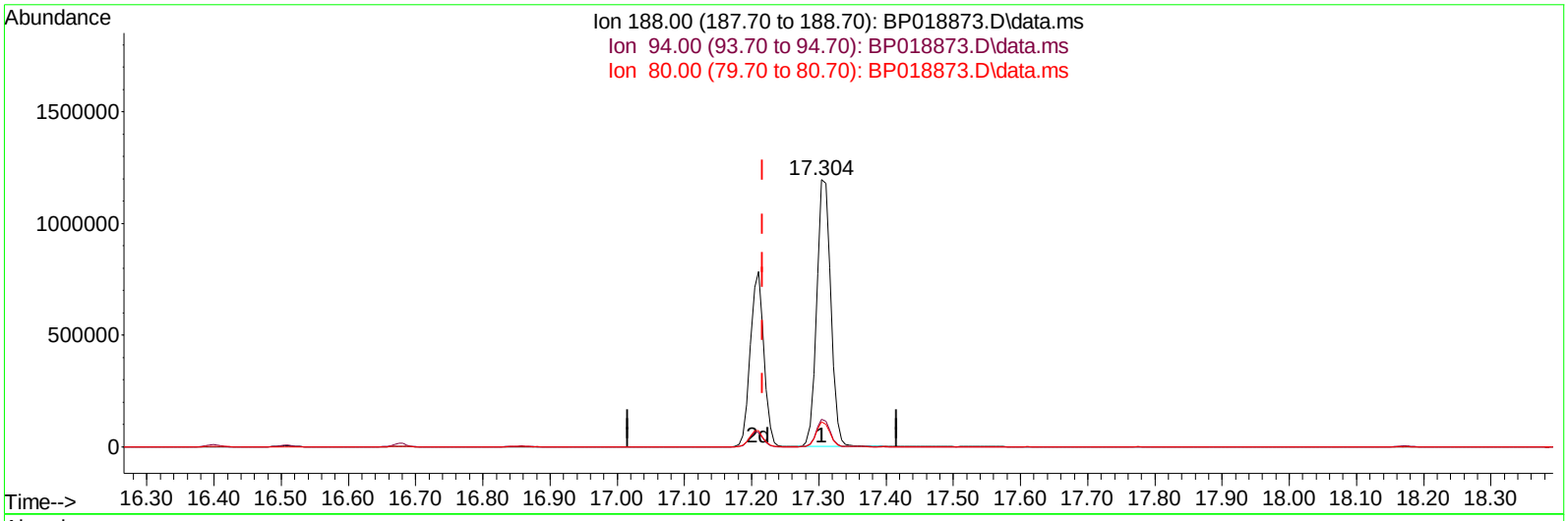
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018873.D
Acq On : 15 Dec 2023 08:49
Operator : MA/JU
Sample : PB157755BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

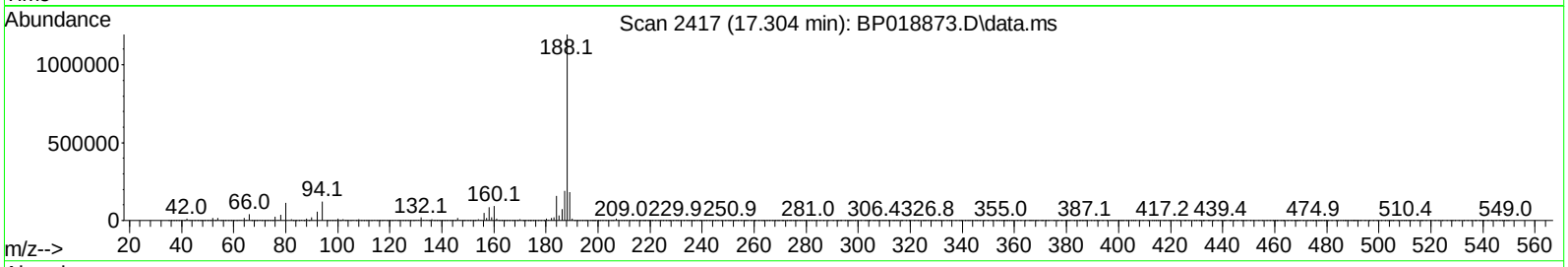
Quant Time: Dec 15 14:07:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

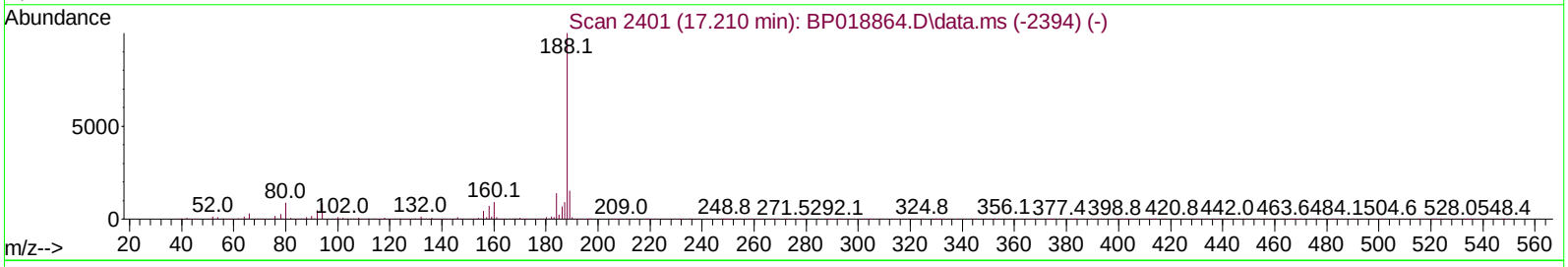
Instrument :
BNA_P
ClientSampleId :
SLCS755

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023







TIC: BP018873.D\data.ms

(64) Phenanthrene-d10 (I)

17.304min (+ 0.088) 20.00 ng/ul

response 1733331

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	10.29
80.00	10.70	9.44
0.00	0.00	0.00

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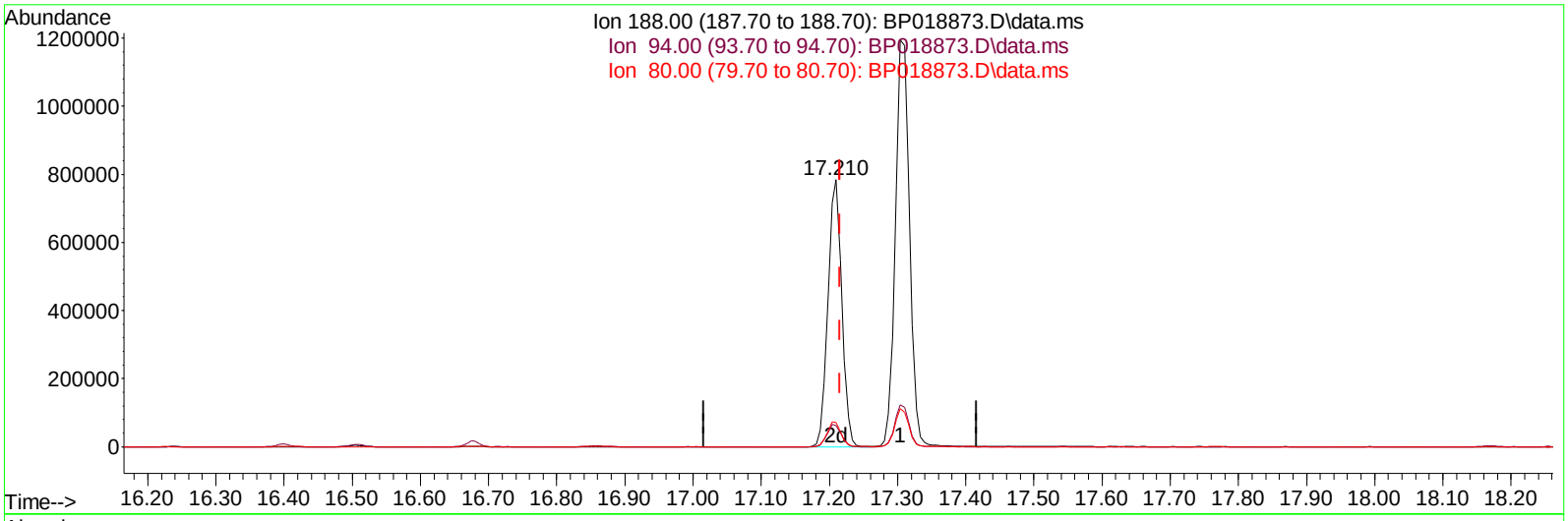

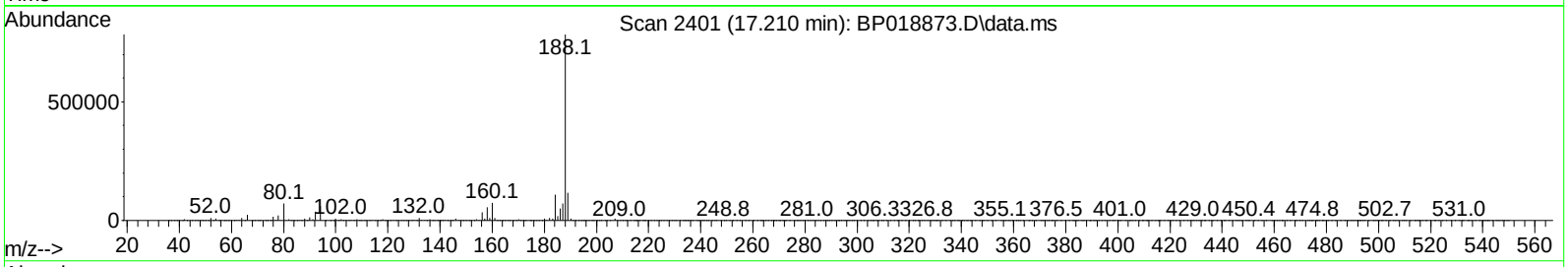

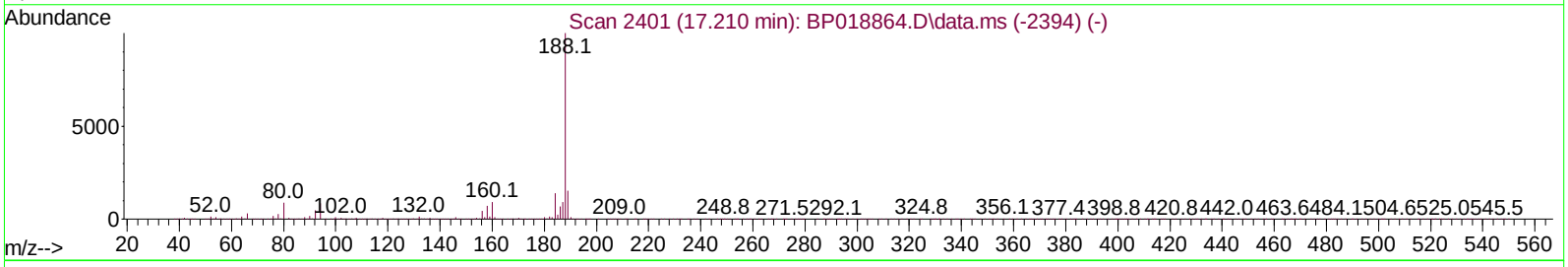

TIC: BP018873.D\data.ms

(64) Phenanthrene-d10 (I)

17.210min (-0.006) 20.00 ng/ul m

response 1100837

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	7.96#
80.00	10.70	9.05
0.00	0.00	0.00

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Sample : PB157755BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Dec 15 14:09:19 2023
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
SLCS755

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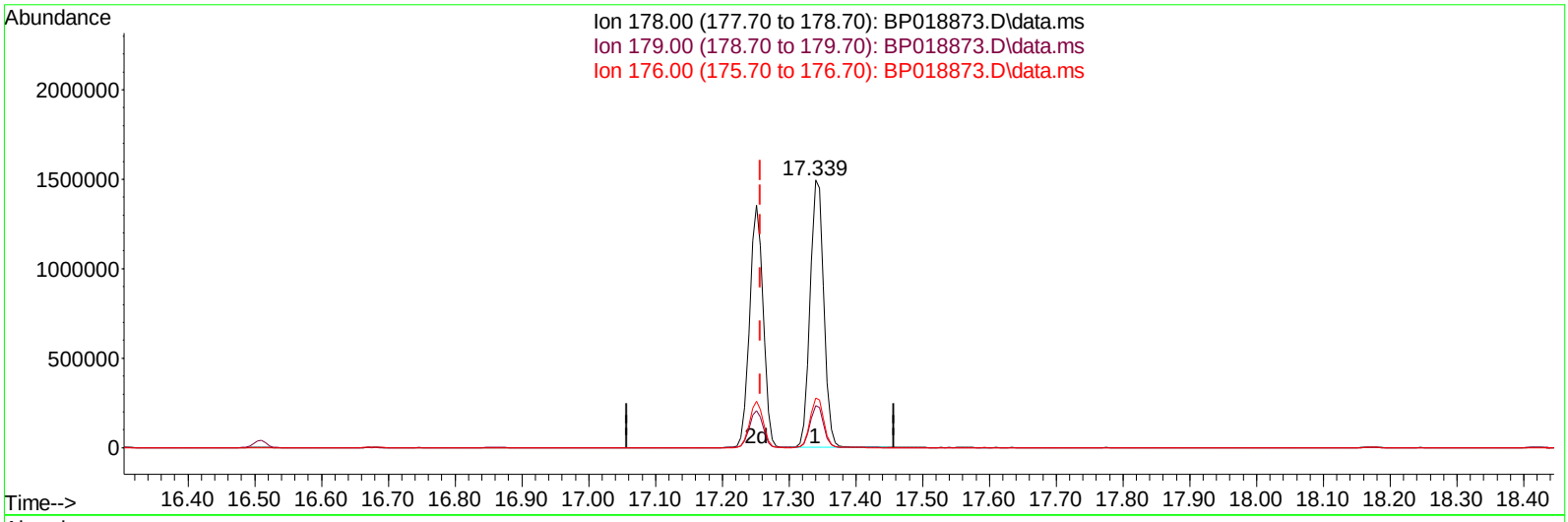

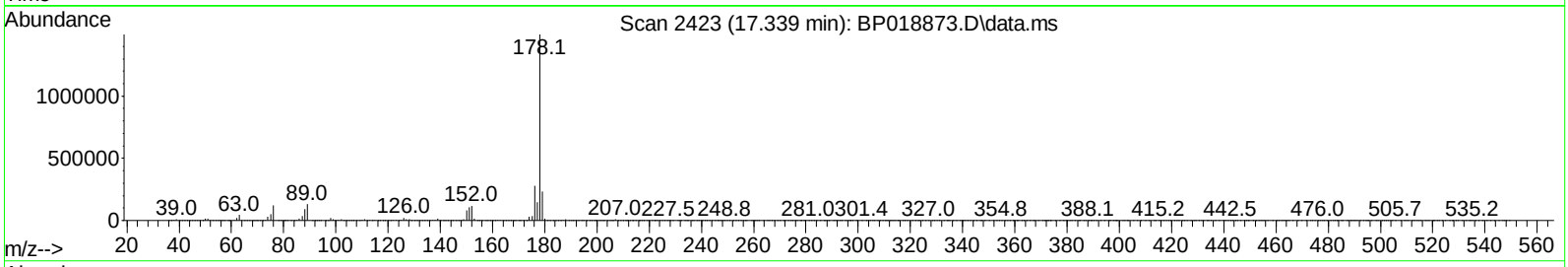

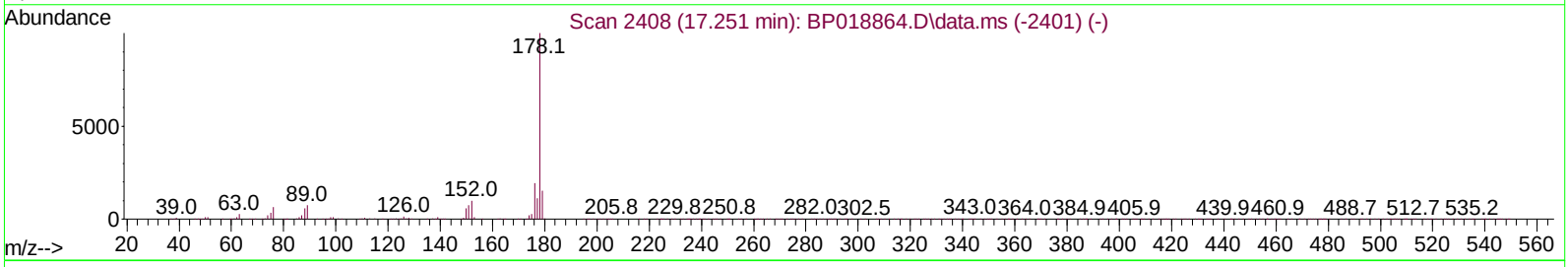

TIC: BP018873.D\data.ms

(72) Phenanthrene

17.339min (+ 0.082) 31.95 ng/ul

response 2123987

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	15.75
176.00	19.30	18.61
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB157755BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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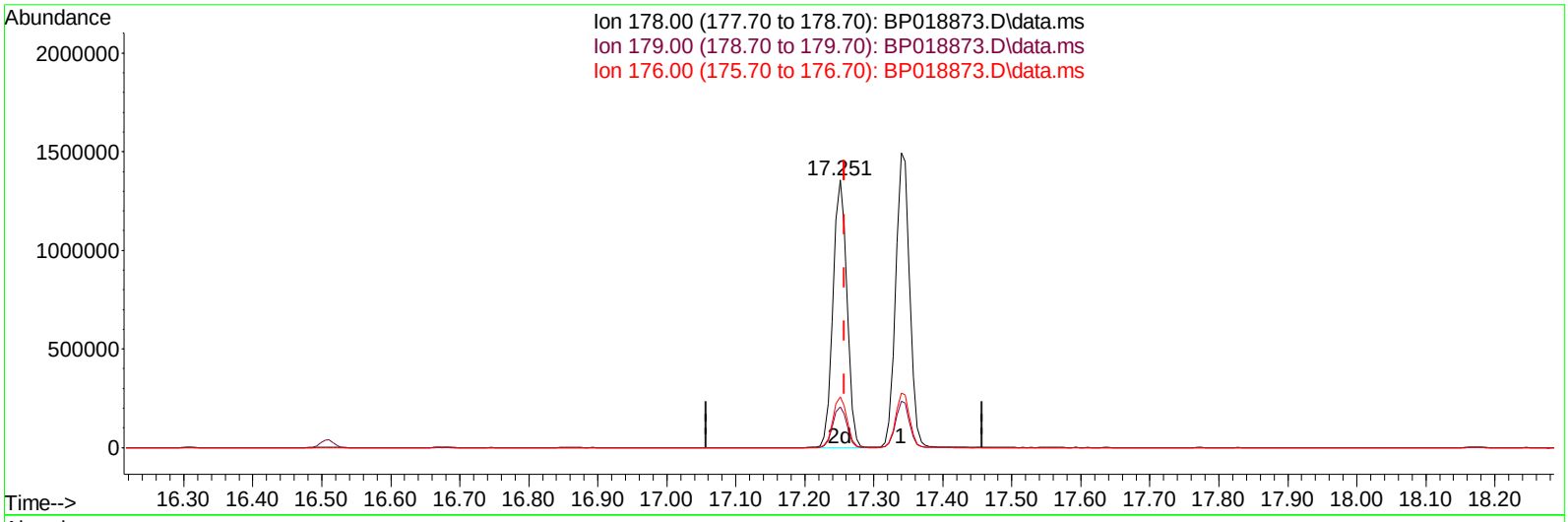

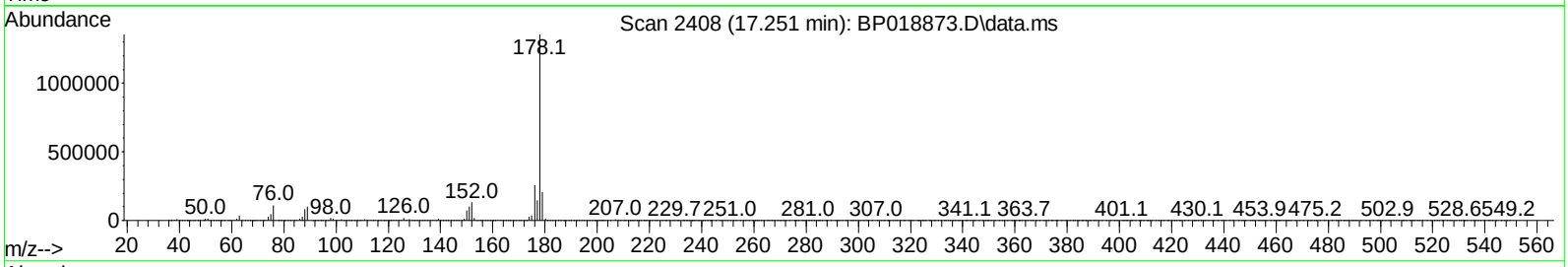

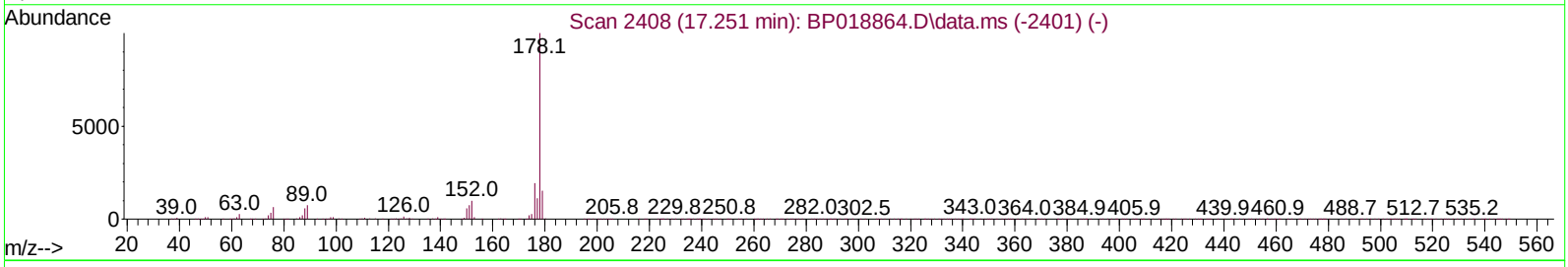

TIC: BP018873.D\data.ms

(72) Phenanthrene

17.251min (-0.006) 28.71 ng/ul m

response 1908874

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	15.34
176.00	19.30	19.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 15 Dec 2023 08:49
Operator : MA/JU
Sample : PB157755BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Dec 15 14:10:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/16/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	285278	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1040086	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	601188	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1100837m	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1366990	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1618605	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	41744	4.986	ng/uL	0.00
4) Pyridine-d5	3.676	84	534639	23.843	ng/ul	0.00
7) Phenol-d5	7.005	99	637011	22.251	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	379306	22.354	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	511972	22.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	485452	20.953	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	230848	24.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	247323	25.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	495833	25.266	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	589895	23.000	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1309051	24.397	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1515112	25.644	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	227977	25.884	ng/ul	0.00
60) Fluorene-d10	15.451	176	1132886	25.153	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	196891	29.829	ng/ul	0.00
73) Anthracene-d10	17.304	188	1734328	29.968	ng/ul	0.00
81) Pyrene-d10	19.545	212	2162102	20.319	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	2484381	26.324	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	87943	9.580	ng/uL	97
5) Pyridine	3.693	79	570253	25.183	ng/ul	95
6) Benzaldehyde	6.969	77	328046	22.194	ng/ul	98
8) Phenol	7.028	94	670564	23.885	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.258	93	554160	24.034	ng/ul	99
12) 2-Chlorophenol	7.393	128	541974	23.972	ng/ul	98
13) 2-Methylphenol	8.275	108	491529	22.868	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	640962	21.909	ng/ul	98
16) Acetophenone	8.658	105	782539	22.663	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.646	70	366589	19.299	ng/ul	98
18) 4-Methylphenol	8.611	108	518252	22.081	ng/ul	98
19) Hexachloroethane	8.905	117	234390	25.288	ng/ul	88
22) Nitrobenzene	9.034	77	579509	25.748	ng/ul	97
23) Isophorone	9.563	82	1043341	22.736	ng/ul	98
25) 2-Nitrophenol	9.746	139	285517	27.785	ng/ul	97
26) 2,4-Dimethylphenol	9.805	107	488506	24.307	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.046	93	691291	23.861	ng/ul	100
29) 2,4-Dichlorophenol	10.275	162	506709	26.806	ng/ul	97
30) Naphthalene	10.675	128	1654662	26.225	ng/ul	99
32) 4-Chloroaniline	10.793	127	522881	21.391	ng/ul	100
33) Hexachlorobutadiene	10.957	225	391846	30.952	ng/ul	99
34) Caprolactam	11.569	113	135873	23.442	ng/ul	92
35) 4-Chloro-3-methylphenol	11.916	107	478484	22.596	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/16/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.287	142	1103260	24.682	ng/ul	100
37) 1-Methylnaphthalene	12.504	142	1067701	23.652	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.652	216	673272	30.867	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	385723	29.835	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	398861	28.426	ng/ul	97
42) 2,4,5-Trichlorophenol	12.963	196	424117	27.881	ng/ul	99
43) 1,1'-Biphenyl	13.299	154	1433319	27.567	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	1159063	28.225	ng/ul	99
45) 2-Nitroaniline	13.546	65	276358	24.824	ng/ul	95
47) Dimethylphthalate	13.928	163	1376380	26.059	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	268068	26.864	ng/ul	93
50) Acenaphthylene	14.181	152	1797670	27.062	ng/ul	100
51) 3-Nitroaniline	14.375	138	259721	26.073	ng/ul	95
52) Acenaphthene	14.522	153	1173872	26.727	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	129215	24.433	ng/ul	96
55) 4-Nitrophenol	14.681	109	180246	27.088	ng/ul	95
56) Dibenzofuran	14.857	168	1654376	27.101	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	382188	27.228	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.087	232	341887	26.794	ng/ul	94
59) Diethylphthalate	15.287	149	1304688	25.244	ng/ul	99
61) Fluorene	15.510	166	1304260	27.002	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.504	204	709062	27.990	ng/ul	95
63) 4-Nitroaniline	15.534	138	270226	28.476	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.593	198	227023	32.170	ng/ul#	90
67) N-Nitrosodiphenylamine	15.722	169	1105387	30.303	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	444406	31.977	ng/ul	97
69) Hexachlorobenzene	16.510	284	514780	33.176	ng/ul	97
70) Atrazine	16.675	200	279535	25.775	ng/ul	99
71) Pentachlorophenol	16.857	266	277841	30.108	ng/ul	98
72) Phenanthrene	17.251	178	1908874m	28.711	ng/ul	
74) Anthracene	17.339	178	2122831	31.854	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	663840	34.876	ng/uL	99
76) Pentachlorobenzene	14.775	250	636667	34.051	ng/uL	99
77) Carbazole	17.616	167	1880972	35.414	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2135742	30.198	ng/ul	99
80) Fluoranthene	19.222	202	2621324	20.840	ng/ul	96
82) Pyrene	19.575	202	2736507	21.566	ng/ul	95
83) Butylbenzylphthalate	20.451	149	1025903	22.085	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.222	252	977649	29.430	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3037289	27.374	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1515769	23.740	ng/ul	100
87) Chrysene	21.333	228	2833000	27.726	ng/ul	100
89) Di-n-octyl phthalate	22.122	149	2738768	23.175	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	3190747	26.736	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	3142756	27.217	ng/ul	99
93) Benzo(a)pyrene	23.557	252	3010776	27.610	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.110	276	3776763	28.988	ng/ul	96
95) Dibenzo(a,h)anthracene	26.127	278	3168994	29.239	ng/ul	97
96) Benzo(g,h,i)perylene	26.868	276	3026307	28.863	ng/ul	96

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

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