Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042866.D
Acq On : 18 Nov 2023 05:13
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020150

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 05:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	32360	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.633	136	141756	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	95320	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	211314	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.409	240	233743	20.000	ng/ul	-0.01
88) Perylene-d12	23.768	264	252668	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	8962	8.690	ng/uL	-0.01
4) Pyridine-d5	3.610	84	58421	22.774	ng/ul	0.00
7) Phenol-d5	6.981	99	70395	22.352	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	54047	24.422	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	50441	20.756	ng/ul	-0.01
15) 4-Methylphenol-d8	8.539	113	53844	21.713	ng/ul	-0.01
21) Nitrobenzene-d5	9.022	128	24612m	19.803	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	25404	17.473	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	53784	19.895	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	62834	18.306	ng/ul	-0.01
46) Dimethylphthalate-d6	13.898	166	170423	18.891	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	187356	19.410	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.721	143	15689	15.393	ng/ul	-0.02
60) Fluorene-d10	15.468	176	142647	19.095	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	25686	16.047	ng/ul	-0.01
73) Anthracene-d10	17.327	188	225484	19.040	ng/ul	-0.01
81) Pyrene-d10	19.621	212	290418	18.974	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.615	264	293243	19.403	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	10208	9.295	ng/uL	97
5) Pyridine	3.628	79	61734	22.131	ng/ul	91
6) Benzaldehyde	6.987	77	49382	27.329	ng/ul	94
8) Phenol	7.010	94	70007	22.347	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.263	93	57728	22.308	ng/ul	93
12) 2-Chlorophenol	7.369	128	51723	21.387	ng/ul#	85
13) 2-Methylphenol	8.269	108	49024	20.985	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.328	45	121015m	25.689	ng/ul	
16) Acetophenone	8.669	105	88230	21.160	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.639	70	58203	22.930	ng/ul	91
18) 4-Methylphenol	8.604	108	54208	21.343	ng/ul	98
19) Hexachloroethane	8.869	117	29369	21.788	ng/ul	84
22) Nitrobenzene	9.063	77	85452	22.749	ng/ul	96
23) Isophorone	9.569	82	154341	20.630	ng/ul	97
25) 2-Nitrophenol	9.763	139	27502	18.618	ng/ul#	87
26) 2,4-Dimethylphenol	9.804	107	62798	19.870	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.057	93	78272	20.704	ng/ul	97
29) 2,4-Dichlorophenol	10.281	162	48062	18.778	ng/ul	96
30) Naphthalene	10.680	128	171260	19.284	ng/ul	100
32) 4-Chloroaniline	10.828	127	62012	18.831	ng/ul	100
33) Hexachlorobutadiene	10.898	225	42371	18.741	ng/ul	97
34) Caprolactam	11.651	113	14067m	18.536	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	53920	19.660	ng/ul	98
36) 2-Methylnaphthalene	12.292	142	116596	19.589	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042866.D
Acq On : 18 Nov 2023 05:13
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020150

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 05:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	121529	19.420	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.645	216	73880	19.763	ng/ul	97
40) Hexachlorocyclopentadiene	12.586	237	33394	18.868	ng/ul	95
41) 2,4,6-Trichlorophenol	12.910	196	43956	19.250	ng/ul	97
42) 2,4,5-Trichlorophenol	12.986	196	43021	19.512	ng/ul	97
43) 1,1'-Biphenyl	13.310	154	158478	19.936	ng/ul	97
44) 2-Chloronaphthalene	13.357	162	128013	20.018	ng/ul	98
45) 2-Nitroaniline	13.610	65	47857	22.946	ng/ul	90
47) Dimethylphthalate	13.945	163	166179	18.912	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	29520	17.882	ng/ul	89
50) Acenaphthylene	14.204	152	212338	19.632	ng/ul	99
51) 3-Nitroaniline	14.445	138	23957	17.748	ng/ul	98
52) Acenaphthene	14.539	153	145217	19.853	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	15730	19.164	ng/ul	86
55) 4-Nitrophenol	14.739	109	29174	18.190	ng/ul	99
56) Dibenzofuran	14.874	168	198176	19.520	ng/ul	95
57) 2,4-Dinitrotoluene	14.880	165	46212	19.068	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.098	232	43386	18.956	ng/ul#	97
59) Diethylphthalate	15.292	149	171384	18.600	ng/ul	99
61) Fluorene	15.527	166	169830	19.703	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	91251	19.643	ng/ul	96
63) 4-Nitroaniline	15.615	138	23951m	19.462	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.633	198	27481	16.864	ng/ul#	86
67) N-Nitrosodiphenylamine	15.745	169	131006	19.767	ng/ul	100
68) 4-Bromophenyl-phenylether	16.415	248	53412	18.989	ng/ul	92
69) Hexachlorobenzene	16.492	284	62954	18.308	ng/ul	99
70) Atrazine	16.698	200	47773	18.713	ng/ul	97
71) Pentachlorophenol	16.862	266	31259	15.787	ng/ul	96
72) Phenanthrene	17.268	178	258769	19.602	ng/ul	99
74) Anthracene	17.362	178	257812	19.416	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.263	216	75408	20.181	ng/uL	100
76) Pentachlorobenzene	14.768	250	78442	20.008	ng/uL	97
77) Carbazole	17.657	167	204808	18.679	ng/ul	98
78) Di-n-butylphthalate	18.174	149	292043	18.215	ng/ul	98
80) Fluoranthene	19.286	202	326671	18.718	ng/ul	97
82) Pyrene	19.656	202	352059	19.025	ng/ul	99
83) Butylbenzylphthalate	20.539	149	140483	17.774	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.345	252	93609	15.648	ng/ul	99
85) Benzo(a)anthracene	21.397	228	364253	19.852	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.280	149	196083	16.351	ng/ul	97
87) Chrysene	21.450	228	340405	19.129	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	338054	16.563	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	342496	19.863	ng/ul#	99
91) Benzo(k)fluoranthene	23.091	252	365618	19.919	ng/ul	99
93) Benzo(a)pyrene	23.668	252	330781	19.687	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.227	276	417132	19.976	ng/ul	97
95) Dibenzo(a,h)anthracene	26.244	278	345208	19.940	ng/ul	98
96) Benzo(g,h,i)perylene	26.991	276	333691	20.124	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042866.D
Acq On : 18 Nov 2023 05:13
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 18 05:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020150

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023