Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042322.D
Acq On : 17 Oct 2023 15:48
Operator : MA/JU
Sample : 03573-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 18 01:59:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	150887	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	677492	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	411519	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	857623	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	751738	20.000	ng/ul	-0.01
88) Perylene-d12	24.056	264	741487	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	33075	6.849	ng/uL	0.00
4) Pyridine-d5	3.805	84	444709	31.094	ng/ul	0.00
7) Phenol-d5	7.157	99	475430	28.431	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	328614	29.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	330745	28.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	357724	27.012	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	166827	28.994	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	176969	28.772	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	307262	27.374	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	474004	26.821	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	989116	27.727	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	1149243	29.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	186551	26.000	ng/ul	-0.01
60) Fluorene-d10	15.645	176	854172	29.128	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	141807	23.604	ng/ul	0.00
73) Anthracene-d10	17.504	188	1263173	28.752	ng/ul	0.00
81) Pyrene-d10	19.798	212	1453292	31.720	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.897	264	1271419	31.239	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	6629	1.252	ng/uL	91
5) Pyridine	3.828	79	68302	4.613	ng/ul#	71
6) Benzaldehyde	7.169	77	54705	6.399	ng/ul	99
8) Phenol	7.187	94	74829	4.431	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.446	93	66462	4.739	ng/ul	98
12) 2-Chlorophenol	7.563	128	54385	4.526	ng/ul	99
13) 2-Methylphenol	8.451	108	49482	3.926	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	113549m	4.749	ng/ul	
16) Acetophenone	8.863	105	94763	4.609	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.828	70	53020	4.357	ng/ul	98
18) 4-Methylphenol	8.781	108	57782	4.160	ng/ul	93
19) Hexachloroethane	9.081	117	23291	4.595	ng/ul	96
22) Nitrobenzene	9.251	77	76270	4.687	ng/ul	99
23) Isophorone	9.763	82	134043	4.248	ng/ul	100
25) 2-Nitrophenol	9.957	139	30523	4.535	ng/ul	98
26) 2,4-Dimethylphenol	9.992	107	56111	3.923	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.251	93	91153	4.620	ng/ul	98
29) 2,4-Dichlorophenol	10.475	162	48236	4.400	ng/ul	96
30) Naphthalene	10.886	128	184696	4.651	ng/ul	100
32) 4-Chloroaniline	11.022	127	77247	4.522	ng/ul	99
33) Hexachlorobutadiene	11.116	225	28925	4.571	ng/ul	94
34) Caprolactam	11.857	113	25940	6.480	ng/ul	87
35) 4-Chloro-3-methylphenol	12.116	107	54459	4.033	ng/ul	98
36) 2-Methylnaphthalene	12.486	142	121026	4.452	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042322.D
Acq On : 17 Oct 2023 15:48
Operator : MA/JU
Sample : 03573-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 18 01:59:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	127983	4.658	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.833	216	57888	4.467	ng/ul	99
40) Hexachlorocyclopentadiene	12.780	237	40296	4.805	ng/ul	96
41) 2,4,6-Trichlorophenol	13.086	196	33739	3.894	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	38061	4.092	ng/ul	94
43) 1,1'-Biphenyl	13.492	154	163816	4.645	ng/ul	98
44) 2-Chloronaphthalene	13.539	162	124146	4.592	ng/ul	99
45) 2-Nitroaniline	13.775	65	36466	3.752	ng/ul	99
47) Dimethylphthalate	14.116	163	160027	4.508	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	23998	3.734	ng/ul	97
50) Acenaphthylene	14.386	152	212396	4.710	ng/ul	99
51) 3-Nitroaniline	14.598	138	27452	3.624	ng/ul	91
52) Acenaphthene	14.716	153	140233	4.630	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	31960	7.348	ng/ul	94
55) 4-Nitrophenol	14.880	109	23509	4.039	ng/ul	83
56) Dibenzofuran	15.051	168	188523	4.633	ng/ul	99
57) 2,4-Dinitrotoluene	15.039	165	38016	4.012	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.269	232	30422	3.897	ng/ul	98
59) Diethylphthalate	15.463	149	161848	4.467	ng/ul	99
61) Fluorene	15.698	166	154286	4.572	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	71971	4.417	ng/ul	98
63) 4-Nitroaniline	15.763	138	30269	4.468	ng/ul#	52
66) 4,6-Dinitro-2-methylph...	15.786	198	25589	4.073	ng/ul#	88
67) N-Nitrosodiphenylamine	15.916	169	123682	4.533	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	39117	4.241	ng/ul	98
69) Hexachlorobenzene	16.668	284	45054	4.296	ng/ul	98
70) Atrazine	16.857	200	36806	3.931	ng/ul	96
71) Pentachlorophenol	17.033	266	40717	5.729	ng/ul	98
72) Phenanthrene	17.445	178	242596	4.611	ng/ul	100
74) Anthracene	17.539	178	241727	4.568	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	55283	4.351	ng/uL	97
76) Pentachlorobenzene	14.945	250	59247	4.748	ng/uL	99
77) Carbazole	17.821	167	207327	4.301	ng/ul	100
78) Di-n-butylphthalate	18.345	149	247467	4.056	ng/ul	100
80) Fluoranthene	19.456	202	246887	4.550	ng/ul	97
82) Pyrene	19.821	202	278671	4.885	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	97169	3.996	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.509	252	65881	3.669	ng/ul	98
85) Benzo(a)anthracene	21.568	228	247093	4.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	147268	4.099	ng/ul	98
87) Chrysene	21.621	228	230523	4.396	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	235099	3.925	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	221691	4.400	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	221649	4.448	ng/ul	97
93) Benzo(a)pyrene	23.944	252	210991	4.475	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.650	276	218583	3.817	ng/ul	96
95) Dibenzo(a,h)anthracene	26.674	278	182589	3.844	ng/ul	98
96) Benzo(g,h,i)perylene	27.456	276	172932	3.860	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042322.D
Acq On : 17 Oct 2023 15:48
Operator : MA/JU
Sample : 03573-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 18 01:59:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023