Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021822\
Data File : BG052427.D
Acq On : 18 Feb 2022 18:11
Operator : CG/JU
Sample : N1331-01
Misc : SFAM-WATER-MDL01-4PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 18 23:05:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT1-2022-01

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :Yogesh Patel 02/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	23359	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.060	136	100512	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.867	164	74457	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.616	188	191248	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.934	240	205105	20.000	ng/ul	#-0.01
88) Perylene-d12	25.400	264	205518	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	3812	6.584	ng/uL	-0.02
4) Pyridine-d5	3.976	84	48154	26.738	ng/ul	-0.01
7) Phenol-d5	7.371	99	64634	30.420	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.530	67	42011	32.546	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.747	132	48403	32.692	ng/ul	-0.02
15) 4-Methylphenol-d8	8.928	113	51312	31.824	ng/ul	-0.01
21) Nitrobenzene-d5	9.392	128	26022	31.796	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.126	143	28879	32.292	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.678	165	52440	30.079	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.189	131	68804	31.113	ng/ul	-0.01
46) Dimethylphthalate-d6	14.256	166	188671	32.237	ng/ul	-0.01
49) Acenaphthylene-d8	14.561	160	216583	29.690	ng/ul	-0.02
54) 4-Nitrophenol-d4	15.055	143	27624m	31.165	ng/ul	0.00
60) Fluorene-d10	15.860	176	165192	32.217	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.965	200	30371	25.723	ng/ul	-0.02
73) Anthracene-d10	17.716	188	280407	31.100	ng/ul	-0.01
81) Pyrene-d10	19.995	212	354652	28.851	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.159	264	373497	34.208	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	978	1.515	ng/uL#	71
5) Pyridine	3.993	79	7998m	4.241	ng/ul	
6) Benzaldehyde	7.342	77	7109	5.902	ng/ul#	90
8) Phenol	7.395	94	9146	4.295	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.624	93	7094	4.409	ng/ul	97
12) 2-Chlorophenol	7.788	128	6555	4.289	ng/ul#	87
13) 2-Methylphenol	8.669	108	6598	4.117	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.752	45	9600	4.177	ng/ul#	86
16) Acetophenone	9.045	105	11001	4.400	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.028	70	6456	4.304	ng/ul#	96
18) 4-Methylphenol	8.998	108	7006	4.150	ng/ul	91
19) Hexachloroethane	9.327	117	2545	3.866	ng/ul#	56
22) Nitrobenzene	9.439	77	9436	4.134	ng/ul	93
23) Isophorone	9.962	82	17191	4.070	ng/ul	95
25) 2-Nitrophenol	10.156	139	4122m	4.216	ng/ul	
26) 2,4-Dimethylphenol	10.208	107	7854	3.896	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.443	93	8775	3.874	ng/ul#	94
29) 2,4-Dichlorophenol	10.702	162	6873m	4.078	ng/ul	
30) Naphthalene	11.113	128	21764	3.960	ng/ul	98
32) 4-Chloroaniline	11.213	127	9621	4.220	ng/ul	94
33) Hexachlorobutadiene	11.401	225	5421	3.943	ng/ul	93
34) Caprolactam	11.971	113	2083m	3.811	ng/ul	
35) 4-Chloro-3-methylphenol	12.329	107	7498	4.125	ng/ul#	92
36) 2-Methylnaphthalene	12.705	142	16804	4.357	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.922	142	16527	4.166	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.075	216	10823	4.038	ng/ul#	89
40) Hexachlorocyclopentadiene	13.057	237	3131	2.046	ng/ul#	81
41) 2,4,6-Trichlorophenol	13.310	196	5264	3.290	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.398	196	5812	3.372	ng/ul	93
43) 1,1'-Biphenyl	13.704	154	23973	4.107	ng/ul	97
44) 2-Chloronaphthalene	13.751	162	18748	4.198	ng/ul	92
45) 2-Nitroaniline	13.945	65	5551	3.691	ng/ul	92
47) Dimethylphthalate	14.303	163	24302	4.284	ng/ul	98
48) 2,6-Dinitrotoluene	14.432	165	4708	3.847	ng/ul#	87
50) Acenaphthylene	14.591	152	28429	3.888	ng/ul	98
51) 3-Nitroaniline	14.767	138	4586	4.379	ng/ul#	81
52) Acenaphthene	14.931	153	20345	4.244	ng/ul	90
53) 2,4-Dinitrophenol	14.984	184	1069m	1.682	ng/ul	
55) 4-Nitrophenol	15.072	109	3608	3.883	ng/ul	89
56) Dibenzofuran	15.260	168	29203	4.208	ng/ul	94
57) 2,4-Dinitrotoluene	15.219	165	7275	4.147	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.495	232	5158	3.419	ng/ul#	91
59) Diethylphthalate	15.660	149	24504	4.260	ng/ul	94
61) Fluorene	15.912	166	24536	4.260	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.895	204	13158	4.154	ng/ul	97
63) 4-Nitroaniline	15.918	138	5737	5.645	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.989	198	3654	3.249	ng/ul#	96
67) N-Nitrosodiphenylamine	16.112	169	21466	4.094	ng/ul	97
68) 4-Bromophenyl-phenylether	16.794	248	8798	3.811	ng/ul	90
69) Hexachlorobenzene	16.923	284	10370	3.997	ng/ul#	86
70) Atrazine	17.046	200	8704	3.763	ng/ul	99
71) Pentachlorophenol	17.275	266	2896m	2.328	ng/ul	
72) Phenanthrene	17.657	178	41879	4.157	ng/ul	97
74) Anthracene	17.751	178	43156	4.340	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.680	216	10941	3.427	ng/uL	96
76) Pentachlorobenzene	15.190	250	11593	3.936	ng/uL	96
77) Carbazole	18.021	167	36681	4.232	ng/ul	98
78) Di-n-butylphthalate	18.556	149	42732	4.111	ng/ul	97
80) Fluoranthene	19.660	202	55828	3.857	ng/ul#	94
82) Pyrene	20.025	202	57716	4.073	ng/ul#	91
83) Butylbenzylphthalate	20.894	149	18057	3.642	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.816	252	17779	4.048	ng/ul#	95
85) Benzo(a)anthracene	21.910	228	56536	4.098	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.787	149	25359	3.569	ng/ul#	93
87) Chrysene	21.981	228	56758	4.354	ng/ul	98
89) Di-n-octyl phthalate	23.079	149	43903	3.765	ng/ul	100
90) Benzo(b)fluoranthene	24.283	252	53905	3.782	ng/ul#	95
91) Benzo(k)fluoranthene	24.360	252	55400	4.249	ng/ul#	95
93) Benzo(a)pyrene	25.235	252	50607	3.808	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.400	276	59546	4.022	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.476	278	50797m	4.138	ng/ul	
96) Benzo(g,h,i)perylene	30.645	276	50913m	4.040	ng/ul	

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

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