Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081822\
Data File : BG054651.D
Acq On : 18 Aug 2022 13:23
Operator : CG/JU
Sample : N3670-01
Misc : WATER-MDL-4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 13:59:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 03:22:26 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2022-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	45704	20.000	ng/ul	0.00
20) Naphthalene-d8	10.991	136	188333	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.798	164	123742	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.542	188	283694	20.000	ng/ul	0.00
79) Chrysene-d12	21.837	240	289958	20.000	ng/ul	0.00
88) Perylene-d12	25.221	264	294040	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	5203	4.503	ng/uL	0.00
4) Pyridine-d5	3.934	84	65022	18.884	ng/ul	0.00
7) Phenol-d5	7.295	99	78843	20.290	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.477	67	51757	20.816	ng/ul	0.00
11) 2-Chlorophenol-d4	7.689	132	57955	21.088	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	61719	21.026	ng/ul	0.00
21) Nitrobenzene-d5	9.334	128	26916	22.768	ng/ul	0.00
24) 2-Nitrophenol-d4	10.063	143	23043	21.772	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.597	165	56202	20.256	ng/ul	0.00
31) 4-Chloroaniline-d4	11.114	131	84543	21.225	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	185042	21.763	ng/ul	0.00
49) Acenaphthylene-d8	14.493	160	237378	23.318	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	26844	19.978	ng/ul	0.00
60) Fluorene-d10	15.785	176	164981	21.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.885	200	16570	17.151	ng/ul	0.00
73) Anthracene-d10	17.642	188	264854	21.464	ng/ul	0.00
81) Pyrene-d10	19.922	212	320176	21.287	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.992	264	304482	21.087	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	1581	1.214	ng/uL	93
5) Pyridine	3.958	79	14330	4.167	ng/ul	91
6) Benzaldehyde	7.295	77	9718	5.113	ng/ul	94
8) Phenol	7.325	94	15172	3.920	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.571	93	12104	3.845	ng/ul	98
12) 2-Chlorophenol	7.718	128	11446	3.877	ng/ul	95
13) 2-Methylphenol	8.594	108	10822	3.658	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.694	45	18920	3.668	ng/ul#	96
16) Acetophenone	8.987	105	17997	3.930	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.964	70	9416	3.783	ng/ul#	95
18) 4-Methylphenol	8.917	108	11496	3.724	ng/ul	88
19) Hexachloroethane	9.258	117	4635	3.854	ng/ul	90
22) Nitrobenzene	9.375	77	12363	3.977	ng/ul	89
23) Isophorone	9.898	82	24871	3.693	ng/ul	98
25) 2-Nitrophenol	10.092	139	4985	3.992	ng/ul	97
26) 2,4-Dimethylphenol	10.139	107	12241	3.663	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.380	93	15692	3.784	ng/ul	99
29) 2,4-Dichlorophenol	10.627	162	10283	3.841	ng/ul	97
30) Naphthalene	11.038	128	38891	4.006	ng/ul	99
32) 4-Chloroaniline	11.144	127	16193	3.975	ng/ul	96
33) Hexachlorobutadiene	11.320	225	7915	3.942	ng/ul	95
34) Caprolactam	11.902	113	3521	3.854	ng/ul	92
35) 4-Chloro-3-methylphenol	12.242	107	9974	3.417	ng/ul	92
36) 2-Methylnaphthalene	12.636	142	25759	3.889	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.853	142	26765	4.067	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.994	216	14892	3.954	ng/ul	96
40)	Hexachlorocyclopentadiene	12.977	237	8050	3.368	ng/ul	99
41)	2,4,6-Trichlorophenol	13.229	196	6952	3.145	ng/ul	90
42)	2,4,5-Trichlorophenol	13.294	196	7901	3.283	ng/ul	94
43)	1,1'-Biphenyl	13.635	154	35144	3.934	ng/ul	98
44)	2-Chloronaphthalene	13.676	162	26835	3.964	ng/ul	98
45)	2-Nitroaniline	13.870	65	5777	3.638	ng/ul	97
47)	Dimethylphthalate	14.240	163	33322	3.882	ng/ul	99
48)	2,6-Dinitrotoluene	14.363	165	4608	3.429	ng/ul#	94
50)	Acenaphthylene	14.522	152	45008	3.994	ng/ul	98
51)	3-Nitroaniline	14.692	138	5222	3.653	ng/ul	96
52)	Acenaphthene	14.857	153	29931	3.997	ng/ul	99
53)	2,4-Dinitrophenol	14.892	184	2268	3.381	ng/ul	91
55)	4-Nitrophenol	14.974	109	4445	4.020	ng/ul#	83
56)	Dibenzofuran	15.192	168	41105	3.985	ng/ul	99
57)	2,4-Dinitrotoluene	15.139	165	6621	3.634	ng/ul#	97
58)	2,3,4,6-Tetrachlorophenol	15.409	232	6449	3.329	ng/ul#	99
59)	Diethylphthalate	15.597	149	32478	3.813	ng/ul	98
61)	Fluorene	15.838	166	33933	4.035	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.832	204	16897	3.922	ng/ul	97
63)	4-Nitroaniline	15.844	138	5611	4.209	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.903	198	3715	3.605	ng/ul#	96
67)	N-Nitrosodiphenylamine	16.038	169	29116	3.800	ng/ul	95
68)	4-Bromophenyl-phenylether	16.725	248	10912	3.731	ng/ul	98
69)	Hexachlorobenzene	16.837	284	13527	4.053	ng/ul	95
70)	Atrazine	16.984	200	10500	3.605	ng/ul	94
71)	Pentachlorophenol	17.178	266	6485	3.516	ng/ul	98
72)	Phenanthrene	17.583	178	56410	3.997	ng/ul	94
74)	Anthracene	17.677	178	56883	4.002	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.600	216	15513	3.804	ng/uL	96
76)	Pentachlorobenzene	15.110	250	15863	4.083	ng/uL	97
77)	Carbazole	17.942	167	50126	3.983	ng/ul	100
78)	Di-n-butylphthalate	18.494	149	54880	3.729	ng/ul	99
80)	Fluoranthene	19.587	202	71038	3.776	ng/ul	98
82)	Pyrene	19.951	202	73517	3.932	ng/ul	99
83)	Butylbenzylphthalate	20.832	149	21031	3.284	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.725	252	23056	3.671	ng/ul#	98
85)	Benzo(a)anthracene	21.819	228	72648	4.032	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.720	149	31693	3.297	ng/ul#	94
87)	Chrysene	21.890	228	67239	3.878	ng/ul	98
89)	Di-n-octyl phthalate	23.000	149	50044	3.070	ng/ul	100
90)	Benzo(b)fluoranthene	24.140	252	69212	3.726	ng/ul	98
91)	Benzo(k)fluoranthene	24.211	252	67056	3.896	ng/ul	96
93)	Benzo(a)pyrene	25.063	252	68814	3.857	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.099	276	76758	3.662	ng/ul	96
95)	Dibenzo(a,h)anthracene	29.181	278	64214	3.624	ng/ul	98
96)	Benzo(g,h,i)perylene	30.304	276	64974m	3.716	ng/ul	

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

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