Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
Data File : BG052690.D
Acq On : 17 Mar 2022 13:29
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2022

Quant Time: Mar 17 14:11:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 12:13:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.151	152	47385	20.000	ng		0.00
21) Naphthalene-d8	10.965	136	199041	20.000	ng		0.00
39) Acenaphthene-d10	14.772	164	138739	20.000	ng		0.00
64) Phenanthrene-d10	17.515	188	330832	20.000	ng		0.00
76) Chrysene-d12	21.804	240	351079	20.000	ng		0.00
86) Perylene-d12	25.128	264	362662	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.708	112	371731	136.620	ng		0.00
7) Phenol-d6	7.300	99	547593	133.492	ng		0.00
23) Nitrobenzene-d5	9.315	82	314012	79.181	ng		0.00
42) 2,4,6-Tribromophenol	16.258	330	242117	129.872	ng		0.00
45) 2-Fluorobiphenyl	13.403	172	720138	76.553	ng		0.00
79) Terphenyl-d14	20.118	244	1395473	70.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.605	88	10174	7.475	ng		94
3) Pyridine	4.010	79	24754	7.095	ng	#	90
4) n-Nitrosodimethylamine	3.910	42	10137	6.549	ng	#	87
6) Aniline	7.470	93	37996	7.900	ng		99
8) 2-Chlorophenol	7.717	128	19316	6.756	ng		88
9) Benzaldehyde	7.288	77	24682	9.796	ng		90
10) Phenol	7.323	94	26631	6.577	ng		74
11) bis(2-Chloroethyl)ether	7.564	93	20209	6.609	ng		91
12) 1,3-Dichlorobenzene	8.046	146	24581	7.141	ng	#	92
13) 1,4-Dichlorobenzene	8.193	146	24808	7.173	ng		94
14) 1,2-Dichlorobenzene	8.510	146	22973	7.023	ng		98
15) Benzyl Alcohol	8.381	79	23030	6.668	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.680	45	38965	7.317	ng		95
17) 2-Methylphenol	8.580	107	20628	7.642	ng	#	91
18) Hexachloroethane	9.250	117	9754	7.687	ng	#	85
19) n-Nitroso-di-n-propyla...	8.956	70	21264	7.319	ng	#	95
20) 3+4-Methylphenols	8.909	107	25363	6.714	ng		91
22) Acetophenone	8.974	105	38889	7.550	ng	#	98
24) Nitrobenzene	9.356	77	30267	7.628	ng		91
25) Isophorone	9.884	82	55070	7.172	ng		98
26) 2-Nitrophenol	10.072	139	9105	6.608	ng		93
27) 2,4-Dimethylphenol	10.125	122	22788	8.084	ng	#	92
28) bis(2-Chloroethoxy)met...	10.360	93	30813	6.786	ng	#	96
29) 2,4-Dichlorophenol	10.607	162	22383	7.056	ng		93
30) 1,2,4-Trichlorobenzene	10.824	180	26338	7.038	ng		98
31) Naphthalene	11.012	128	73849	7.175	ng		98
32) Benzoic acid	10.178	122	9484	5.006	ng		90
33) 4-Chloroaniline	11.112	127	30920	7.088	ng		96
34) Hexachlorobutadiene	11.312	225	17751	6.616	ng		90
35) Caprolactam	11.876	113	6061	6.998	ng		93
36) 4-Chloro-3-methylphenol	12.217	107	24916	6.764	ng		97
37) 2-Methylnaphthalene	12.610	142	54698	7.257	ng		98
38) 1-Methylnaphthalene	12.827	142	51465	6.996	ng		100
40) 1,2,4,5-Tetrachloroben...	12.974	216	31518	7.271	ng		97
41) Hexachlorocyclopentadiene	12.963	237	20981	8.166	ng		91
43) 2,4,6-Trichlorophenol	13.203	196	18835	6.785	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.274	196	20529	7.286	ng		95
46) 1,1'-Biphenyl	13.609	154	73303	7.555	ng		94
47) 2-Chloronaphthalene	13.656	162	55502	7.264	ng		99
48) 2-Nitroaniline	13.838	65	14644	7.008	ng		94
49) Acenaphthylene	14.496	152	93613	7.686	ng		98
50) Dimethylphthalate	14.220	163	72410	7.022	ng		99
51) 2,6-Dinitrotoluene	14.331	165	13387	7.690	ng		93
52) Acenaphthene	14.836	154	56008	7.178	ng		89
53) 3-Nitroaniline	14.660	138	14012	6.878	ng	#	96
54) 2,4-Dinitrophenol	14.860	184	6510	6.860	ng	#	71
55) Dibenzofuran	15.171	168	91476	7.179	ng		99
56) 4-Nitrophenol	14.942	139	11505	6.923	ng		94
57) 2,4-Dinitrotoluene	15.113	165	16640	6.889	ng	#	81
58) Fluorene	15.818	166	71888	6.921	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.389	232	18817	6.248	ng	#	98
60) Diethylphthalate	15.577	149	74068	6.805	ng		97
61) 4-Chlorophenyl-phenyle...	15.806	204	41330	7.215	ng		96
62) 4-Nitroaniline	15.812	138	14828	6.889	ng		90
63) Azobenzene	16.099	77	82157	7.062	ng		96
65) 4,6-Dinitro-2-methylph...	15.876	198	9140	6.197	ng		91
66) n-Nitrosodiphenylamine	16.017	169	65723	7.056	ng		99
67) 4-Bromophenyl-phenylether	16.705	248	24918	6.247	ng		98
68) Hexachlorobenzene	16.822	284	30040	7.007	ng		95
69) Atrazine	16.957	200	25669	7.474	ng		94
70) Pentachlorophenol	17.163	266	15917	5.984	ng		93
71) Phenanthrene	17.556	178	123971	7.005	ng		98
72) Anthracene	17.644	178	129598	7.407	ng		97
73) Carbazole	17.909	167	115364	6.658	ng		99
74) Di-n-butylphthalate	18.473	149	130637	6.901	ng		99
75) Fluoranthene	19.559	202	162649	7.240	ng		99
77) Benzidine	19.730	184	72380	7.993	ng		98
78) Pyrene	19.918	202	167203	6.866	ng		97
80) Butylbenzylphthalate	20.805	149	52888	6.122	ng		98
81) Benzo(a)anthracene	21.780	228	165203	7.027	ng		96
82) 3,3'-Dichlorobenzidine	21.692	252	56842	6.847	ng		97
83) Chrysene	21.851	228	150539	6.811	ng		95
84) Bis(2-ethylhexyl)phtha...	21.692	149	77610	6.606	ng		96
85) Di-n-octyl phthalate	22.949	149	127137	6.501	ng		96
87) Indeno(1,2,3-cd)pyrene	28.912	276	174108	7.014	ng	#	88
88) Benzo(b)fluoranthene	24.065	252	164171	7.291	ng	#	97
89) Benzo(k)fluoranthene	24.130	252	157006	7.087	ng	#	99
90) Benzo(a)pyrene	24.964	252	157113	8.243	ng		96
91) Dibenzo(a,h)anthracene	28.982	278	153381	7.499	ng		98
92) Benzo(g,h,i)perylene	30.098	276	151046	7.463	ng	#	95

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

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