Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
Data File : BG057449.D
Acq On : 17 May 2023 18:07
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-5ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Quant Time: May 18 01:58:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.361	152	17119	20.000	ng		0.00
21) Naphthalene-d8	11.198	136	68077	20.000	ng		0.00
39) Acenaphthene-d10	14.976	164	55780	20.000	ng		0.00
64) Phenanthrene-d10	17.713	188	142057	20.000	ng		0.00
76) Chrysene-d12	22.025	240	133015	20.000	ng		0.00
86) Perylene-d12	25.526	264	138178	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	103007	102.929	ng		0.00
7) Phenol-d6	7.498	99	157721	103.785	ng		0.00
23) Nitrobenzene-d5	9.536	82	119339	73.575	ng		0.00
42) 2,4,6-Tribromophenol	16.456	330	92586	116.981	ng		0.00
45) 2-Fluorobiphenyl	13.601	172	322701	77.916	ng		0.00
79) Terphenyl-d14	20.286	244	601615	73.810	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.673	88	2088	5.046	ng		93
3) Pyridine	4.114	79	5073	3.815	ng		87
4) n-Nitrosodimethylamine	4.014	42	2174	3.479	ng	#	70
6) Aniline	7.674	93	8431	4.373	ng		97
8) 2-Chlorophenol	7.920	128	4895	4.629	ng		79
10) Phenol	7.527	94	6278	4.238	ng		95
11) bis(2-Chloroethyl)ether	7.762	93	4711	4.217	ng		94
12) 1,3-Dichlorobenzene	8.249	146	5669	4.857	ng		99
13) 1,4-Dichlorobenzene	8.396	146	5816	4.961	ng		90
14) 1,2-Dichlorobenzene	8.725	146	5278	4.664	ng		95
15) Benzyl Alcohol	8.596	79	4784	3.779	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.878	45	5749	4.083	ng		96
17) 2-Methylphenol	8.802	107	4476	4.191	ng		92
18) Hexachloroethane	9.460	117	1858	4.392	ng		85
19) n-Nitroso-di-n-propyla...	9.154	70	4614	3.982	ng		90
20) 3+4-Methylphenols	9.131	107	5812	3.975	ng		91
22) Acetophenone	9.189	105	8391	4.306	ng	#	93
24) Nitrobenzene	9.583	77	7061	4.313	ng		99
25) Isophorone	10.100	82	12193	3.877	ng	#	95
26) 2-Nitrophenol	10.306	139	2869	4.578	ng	#	88
27) 2,4-Dimethylphenol	10.341	122	4756	4.334	ng		98
28) bis(2-Chloroethoxy)met...	10.576	93	6567	4.168	ng	#	88
29) 2,4-Dichlorophenol	10.846	162	5778	4.965	ng		89
30) 1,2,4-Trichlorobenzene	11.057	180	5942	4.427	ng		98
31) Naphthalene	11.251	128	17153	4.713	ng		98
33) 4-Chloroaniline	11.357	127	7183	4.395	ng	#	90
34) Hexachlorobutadiene	11.522	225	4796	4.815	ng		96
35) Caprolactam	12.091	113	1880	4.729	ng	#	67
36) 4-Chloro-3-methylphenol	12.450	107	6157	4.655	ng		98
37) 2-Methylnaphthalene	12.826	142	13059	4.564	ng		95
38) 1-Methylnaphthalene	13.043	142	12524	4.643	ng		98
40) 1,2,4,5-Tetrachloroben...	13.190	216	9782	4.940	ng	#	94
41) Hexachlorocyclopentadiene	13.160	237	654	6.928	ng	#	56
43) 2,4,6-Trichlorophenol	13.425	196	5178	4.292	ng		95
44) 2,4,5-Trichlorophenol	13.513	196	5811	4.095	ng	#	97
46) 1,1'-Biphenyl	13.813	154	19870	4.801	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.865	162	14380	4.672	ng		97
48) 2-Nitroaniline	14.065	65	4078	3.897	ng		96
49) Acenaphthylene	14.705	152	23191	4.638	ng		98
50) Dimethylphthalate	14.406	163	19655	4.288	ng	#	96
51) 2,6-Dinitrotoluene	14.541	165	4044	4.321	ng	#	84
52) Acenaphthene	15.040	154	14176	4.537	ng		99
53) 3-Nitroaniline	14.882	138	3798	4.051	ng		82
54) 2,4-Dinitrophenol	15.128	184	180	5.208	ng	#	43
55) Dibenzofuran	15.369	168	24665	4.698	ng		98
56) 4-Nitrophenol	15.205	139	1983	3.180	ng	#	89
57) 2,4-Dinitrotoluene	15.328	165	5658	4.230	ng	#	95
58) Fluorene	16.015	166	20424	4.723	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	5760	4.477	ng	#	97
60) Diethylphthalate	15.751	149	20038	4.305	ng		98
61) 4-Chlorophenyl-phenyle...	15.992	204	11897	4.567	ng		97
62) 4-Nitroaniline	16.033	138	3773	3.989	ng	#	84
63) Azobenzene	16.286	77	18003	4.008	ng		96
65) 4,6-Dinitro-2-methylph...	16.104	198	2622	3.091	ng		88
66) n-Nitrosodiphenylamine	16.203	169	17159	4.447	ng		98
67) 4-Bromophenyl-phenylether	16.885	248	7807	4.502	ng		95
68) Hexachlorobenzene	17.020	284	8470	5.026	ng		96
69) Atrazine	17.137	200	7268	4.938	ng		96
71) Phenanthrene	17.754	178	33878	4.654	ng		99
72) Anthracene	17.848	178	33630	4.503	ng		98
73) Carbazole	18.113	167	28354	4.509	ng		97
74) Di-n-butylphthalate	18.630	149	30693	4.242	ng		98
75) Fluoranthene	19.746	202	39817	4.398	ng		99
77) Benzidine	19.916	184	19649	6.608	ng		98
78) Pyrene	20.110	202	42040	4.349	ng		97
80) Butylbenzylphthalate	20.956	149	12948	4.222	ng		96
81) Benzo(a)anthracene	22.001	228	41163	4.344	ng		100
82) 3,3'-Dichlorobenzidine	21.902	252	15900	5.238	ng	#	95
83) Chrysene	22.072	228	39747	4.458	ng		94
84) Bis(2-ethylhexyl)phtha...	21.849	149	19351	4.265	ng		99
85) Di-n-octyl phthalate	23.141	149	32647	4.316	ng		98
87) Indeno(1,2,3-cd)pyrene	29.574	276	44673	4.436	ng		99
88) Benzo(b)fluoranthene	24.404	252	41621	4.608	ng		96
89) Benzo(k)fluoranthene	24.475	252	41221	4.491	ng		99
90) Benzo(a)pyrene	25.362	252	36234	4.106	ng		93
91) Dibenzo(a,h)anthracene	29.626	278	37096	4.423	ng		99
92) Benzo(g,h,i)perylene	30.842	276	36458	4.452	ng		95

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

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