Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020871.D
Acq On : 12 Feb 2016 00:41
Operator : SJ/UM
Sample : G4825-06
Misc : LOQ 20PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER2016-02

Quant Time: Feb 12 04:50:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20514	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	104744	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	66094	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	140762	20.00	ng		0.00
75) Chrysene-d12	21.90	240	131480	20.00	ng		0.00
86) Perylene-d12	25.28	264	122395	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	183910	150.98	ng		0.00
7) Phenol-d6	7.41	99	261713	146.99	ng		0.00
23) Nitrobenzene-d5	9.44	82	141343	88.73	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	97944	150.69	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	399745	84.96	ng		0.00
78) Terphenyl-d14	20.20	244	521976	92.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	6582	14.86	ng	#	89
3) Pyridine	4.05	79	18982	14.49	ng		97
4) n-Nitrosodimethylamine	3.96	42	5935	17.32	ng	#	89
6) Aniline	7.58	93	22967	10.35	ng		95
8) 2-Chlorophenol	7.82	128	27699	18.20	ng		96
9) Benzaldehyde	7.40	77	19267	21.61	ng		98
10) Phenol	7.44	94	35404	18.79	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	25177	16.73	ng		99
12) 1,3-Dichlorobenzene	8.15	146	26620	16.55	ng		97
13) 1,4-Dichlorobenzene	8.30	146	27215	16.68	ng		97
14) 1,2-Dichlorobenzene	8.62	146	26754	16.86	ng		98
15) Benzyl Alcohol	8.50	79	21349	19.02	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	24928	15.88	ng		98
17) 2-Methylphenol	8.70	107	25158	18.53	ng		98
18) Hexachloroethane	9.36	117	9433	16.82	ng		97
19) n-Nitroso-di-n-propylamine	9.07	70	19040	16.57	ng		99
20) 3+4-Methylphenols	9.03	107	35048	18.53	ng		98
22) Acetophenone	9.09	105	38810	15.37	ng	#	97
24) Nitrobenzene	9.48	77	27473	16.54	ng		99
25) Isophorone	10.00	82	55261	16.46	ng		98
26) 2-Nitrophenol	10.20	139	14110	16.15	ng		99
27) 2,4-Dimethylphenol	10.24	122	28433	16.98	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	36569	17.67	ng		98
29) 2,4-Dichlorophenol	10.73	162	28298	18.85	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	25416	16.81	ng		98
31) Naphthalene	11.14	128	91882	16.96	ng		99
32) Benzoic acid	10.32	122	14253	10.61	ng		97
33) 4-Chloroaniline	11.24	127	18343	7.87	ng		98
34) Hexachlorobutadiene	11.42	225	12672	16.44	ng		99
35) Caprolactam	12.00	113	11397	19.82	ng		95
36) 4-Chloro-3-methylphenol	12.34	107	31870	18.53	ng		99
37) 2-Methylnaphthalene	12.73	142	70414	18.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	28922	14.92	ng		100
40) Hexachlorocyclopentadiene	13.07	237	12074	14.16	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	22492	17.27	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	24739	18.07	ng		98
45) 1,1'-Biphenyl	13.72	154	89044	15.27	ng		99
46) 2-Chloronaphthalene	13.77	162	67984	16.29	ng		98
47) 2-Nitroaniline	13.96	65	17129	17.13	ng		96
48) Acenaphthylene	14.60	152	123084	16.96	ng		98
49) Dimethylphthalate	14.32	163	89446	17.31	ng		100
50) 2,6-Dinitrotoluene	14.45	165	19615	17.71	ng		99
51) Acenaphthene	14.94	154	74240	16.87	ng		98
52) 3-Nitroaniline	14.77	138	16930	13.16	ng	#	97
53) 2,4-Dinitrophenol	14.97	184	4564	17.12	ng	#	85
54) Dibenzofuran	15.27	168	113380	19.48	ng		99
55) 4-Nitrophenol	15.06	139	16770	17.26	ng		99
56) 2,4-Dinitrotoluene	15.23	165	25222	17.62	ng		93
57) Fluorene	15.92	166	95246	17.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	20777	19.91	ng	#	99
59) Diethylphthalate	15.68	149	95468	17.97	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	40973	17.21	ng		98
61) 4-Nitroaniline	15.93	138	23375	18.10	ng		98
62) Azobenzene	16.20	77	81732	19.57	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	8626	16.19	ng		98
65) n-Nitrosodiphenylamine	16.12	169	79730	17.53	ng		100
66) 4-Bromophenyl-phenylether	16.80	248	24741	16.64	ng		97
67) Hexachlorobenzene	16.92	284	26873	16.99	ng		96
68) Atrazine	17.05	200	25228	18.28	ng		97
69) Pentachlorophenol	17.26	266	13033	14.37	ng		96
70) Phenanthrene	17.66	178	140523	17.53	ng		99
71) Anthracene	17.75	178	141461	17.39	ng		99
72) Carbazole	18.01	167	129135	17.69	ng		99
73) Di-n-butylphthalate	18.56	149	158356	16.92	ng		99
74) Fluoranthene	19.65	202	147047	16.99	ng		99
76) Benzidine	19.82	184	16754	3.94	ng		98
77) Pyrene	20.01	202	154433	17.81	ng		98
79) Butylbenzylphthalate	20.88	149	68657	16.53	ng		98
80) Benzo(a)anthracene	21.88	228	139019	17.71	ng		99
81) 3,3'-Dichlorobenzidine	21.78	252	22817	7.83	ng		97
82) Chrysene	21.95	228	124500	16.87	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	103386	16.79	ng		97
84) Di-n-octyl phthalate	23.03	149	173386	17.16	ng		100
85) Indeno(1,2,3-cd)pyrene	29.15	276	147932	17.43	ng	#	75
87) Benzo(b)fluoranthene	24.20	252	132049	17.63	ng		99
88) Benzo(k)fluoranthene	24.27	252	130560	17.79	ng		99
89) Benzo(a)pyrene	25.12	252	128283	17.97	ng		98
90) Dibenzo(a,h)anthracene	29.22	278	121624	17.52	ng		99
91) Benzo(g,h,i)perylene	30.37	276	120224	17.45	ng		99

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

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