Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026358.D
Acq On : 21 Mar 2017 14:45
Operator : SJ/MA
Sample : I2296-06
Misc : LOQ 20 PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-06-QT2-2017

Quant Time: Mar 22 03:32:46 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	125966	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	552771	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	327586	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	760744	20.00	ng		0.00
75) Chrysene-d12	21.63	240	869902	20.00	ng		0.00
86) Perylene-d12	24.81	264	871633	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	914321	128.83	ng		0.00
7) Phenol-d6	7.21	99	1215776	127.60	ng		0.00
23) Nitrobenzene-d5	9.20	82	824909	89.73	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	517424	137.93	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2148771	91.99	ng		0.00
78) Terphenyl-d14	19.99	244	3046341	85.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	61936	19.44	ng	#	69
3) Pyridine	3.91	79	167352	19.18	ng	#	62
4) n-Nitrosodimethylamine	3.82	42	40888	17.15	ng	#	1
6) Aniline	7.37	93	244960	19.25	ng	#	85
8) 2-Chlorophenol	7.61	128	156370	19.57	ng		81
9) Benzaldehyde	7.18	77	117468	18.26	ng	#	61
10) Phenol	7.24	94	191651	18.85	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	163127	19.56	ng	#	80
12) 1,3-Dichlorobenzene	7.93	146	188397	19.80	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	196776	20.45	ng	#	91
14) 1,2-Dichlorobenzene	8.40	146	183956	19.97	ng	#	87
15) Benzyl Alcohol	8.28	79	117309	18.78	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	165000	17.82	ng		81
17) 2-Methylphenol	8.48	107	139043	19.26	ng	#	79
18) Hexachloroethane	9.13	117	59715	18.98	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	113780	18.58	ng	#	69
20) 3+4-Methylphenols	8.81	107	196274	19.74	ng		87
22) Acetophenone	8.86	105	246186	19.37	ng	#	74
24) Nitrobenzene	9.24	77	173089	19.07	ng	#	71
25) Isophorone	9.76	82	328711	18.97	ng	#	89
26) 2-Nitrophenol	9.96	139	93851	19.87	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	151338	19.52	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	220066	19.55	ng		99
29) 2,4-Dichlorophenol	10.49	162	159553	20.35	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	179083	20.33	ng		95
31) Naphthalene	10.90	128	557305	19.94	ng		99
32) Benzoic acid	10.11	122	102860	17.24	ng	#	75
33) 4-Chloroaniline	11.00	127	225559	19.84	ng	#	80
34) Hexachlorobutadiene	11.18	225	104777	20.16	ng		94
35) Caprolactam	11.74	113	58219	18.85	ng	#	49
36) 4-Chloro-3-methylphenol	12.11	107	161276	19.23	ng	#	77
37) 2-Methylnaphthalene	12.49	142	413751	20.21	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	202430	20.54	ng	#	96
40) Hexachlorocyclopentadiene	12.84	237	94359	18.19	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	127592	19.77	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	140260	19.66	ng	#	91
45) 1,1'-Biphenyl	13.49	154	539258	19.88	ng		97
46) 2-Chloronaphthalene	13.53	162	392535	19.81	ng		95
47) 2-Nitroaniline	13.73	65	97095	17.23	ng	#	55
48) Acenaphthylene	14.37	152	678646	19.65	ng		97
49) Dimethylphthalate	14.10	163	486300	19.67	ng		98
50) 2,6-Dinitrotoluene	14.22	165	114846	19.90	ng	#	58
51) Acenaphthene	14.72	154	414978	19.51	ng		98
52) 3-Nitroaniline	14.55	138	119552	18.82	ng	#	70
53) 2,4-Dinitrophenol	14.76	184	46737	13.96	ng	#	71
54) Dibenzofuran	15.05	168	596876	19.93	ng	#	87
55) 4-Nitrophenol	14.86	139	93775	18.02	ng	#	41
56) 2,4-Dinitrotoluene	15.01	165	158085	19.48	ng	#	68
57) Fluorene	15.70	166	536996	20.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	121393	19.51	ng	#	98
59) Diethylphthalate	15.46	149	488610	19.33	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	253885	20.10	ng		89
61) 4-Nitroaniline	15.70	138	125910	18.73	ng	#	50
62) Azobenzene	15.97	77	380484	18.52	ng		79
64) 4,6-Dinitro-2-methylphenol	15.77	198	90171	18.80	ng		85
65) n-Nitrosodiphenylamine	15.90	169	450003	20.16	ng		100
66) 4-Bromophenyl-phenylether	16.57	248	163535	20.89	ng		97
67) Hexachlorobenzene	16.70	284	173140	20.73	ng		92
68) Atrazine	16.84	200	168223	19.90	ng		95
69) Pentachlorophenol	17.04	266	104246	19.20	ng		98
70) Phenanthrene	17.43	178	833262	20.40	ng		94
71) Anthracene	17.52	178	847383	20.33	ng		97
72) Carbazole	17.78	167	863289	20.12	ng	#	95
73) Di-n-butylphthalate	18.33	149	874421	19.83	ng	#	92
74) Fluoranthene	19.43	202	1002849	20.88	ng		94
76) Benzidine	19.60	184	547214	18.24	ng		97
77) Pyrene	19.79	202	1044947	20.75	ng		97
79) Butylbenzylphthalate	20.66	149	391125	19.41	ng	#	84
80) Benzo(a)anthracene	21.61	228	999231	20.41	ng		94
81) 3,3'-Dichlorobenzidine	21.52	252	387025	19.31	ng	#	97
82) Chrysene	21.68	228	962987	20.59	ng		96
83) Bis(2-ethylhexyl)phthalate	21.51	149	575742	18.91	ng		98
84) Di-n-octyl phthalate	22.70	149	985081	18.96	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.43	276	1159224	20.07	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	1006463	19.59	ng	#	95
88) Benzo(k)fluoranthene	23.87	252	1010841	20.29	ng	#	93
89) Benzo(a)pyrene	24.66	252	973779	19.76	ng	#	92
90) Dibenzo(a,h)anthracene	28.49	278	989110	19.86	ng	#	93
91) Benzo(g,h,i)perylene	29.56	276	988215	19.69	ng	#	89

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

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