Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017741.D
Acq On : 22 Jun 2015 11:59
Operator : TP/IZ
Sample : G2653-05
Misc : LOD-SVOC-WATER-1PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-WATER2015-01

Quant Time: Jun 23 03:28:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	66427	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	300000	20.00	ng		-0.01
38) Acenaphthene-d10	14.26	164	180185	20.00	ng		-0.01
63) Phenanthrene-d10	17.01	188	413941	20.00	ng		-0.02
75) Chrysene-d12	21.21	240	442154	20.00	ng		-0.02
86) Perylene-d12	23.44	264	413085	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	514552	135.94	ng		0.00
7) Phenol-d6	6.79	99	689695	129.64	ng		-0.01
23) Nitrobenzene-d5	8.76	82	418678	80.28	ng		-0.01
41) 2,4,6-Tribromophenol	15.76	330	188333	112.72	ng		-0.01
44) 2-Fluorobiphenyl	12.88	172	858618	77.39	ng		-0.02
78) Terphenyl-d14	19.66	244	1440969	74.05	ng		-0.02
Target Compounds							Qvalue
8) 2-Chlorophenol	7.18	128	4276	0.90	ng	#	73
9) Benzaldehyde	6.75	77	3498	1.13	ng	#	85
11) bis(2-Chloroethyl)ether	7.05	93	2973	0.68	ng		89
12) 1,3-Dichlorobenzene	7.50	146	3533	0.67	ng		98
13) 1,4-Dichlorobenzene	7.64	146	3369	0.62	ng		96
14) 1,2-Dichlorobenzene	7.96	146	3754	0.73	ng		91
15) Benzyl Alcohol	7.85	79	3104	0.68	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.15	45	5545	0.83	ng		93
17) 2-Methylphenol	8.06	107	2717	0.63	ng	#	78
18) Hexachloroethane	8.69	117	1282	0.61	ng	#	65
19) n-Nitroso-di-n-propylamine	8.41	70	2827	0.63	ng	#	86
20) 3+4-Methylphenols	8.38	107	4044	0.69	ng		83
22) Acetophenone	8.43	105	4670	0.69	ng	#	81
24) Nitrobenzene	8.80	77	4614	0.82	ng	#	85
25) Isophorone	9.33	82	8163	0.70	ng	#	85
26) 2-Nitrophenol	9.51	139	1187	0.46	ng	#	74
27) 2,4-Dimethylphenol	9.58	122	3164	0.65	ng	#	83
28) bis(2-Chloroethoxy)methane	9.81	93	4087	0.70	ng	#	85
29) 2,4-Dichlorophenol	10.04	162	3061	0.72	ng		88
30) 1,2,4-Trichlorobenzene	10.26	180	3454	0.72	ng	#	83
31) Naphthalene	10.44	128	10984	0.68	ng	#	96
34) Hexachlorobutadiene	10.73	225	1583	0.58	ng		92
36) 4-Chloro-3-methylphenol	11.68	107	3138	0.59	ng	#	69
37) 2-Methylnaphthalene	12.06	142	7038	0.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	3175	0.66	ng	#	92
42) 2,4,6-Trichlorophenol	12.68	196	1857	0.57	ng	#	90
43) 2,4,5-Trichlorophenol	12.75	196	1789	0.50	ng	#	95
45) 1,1'-Biphenyl	13.09	154	9950	0.75	ng		90
46) 2-Chloronaphthalene	13.13	162	7159	0.67	ng		91
47) 2-Nitroaniline	13.33	65	1840	0.57	ng	#	83
48) Acenaphthylene	13.98	152	12149	0.63	ng	#	89
49) Dimethylphthalate	13.73	163	9130	0.66	ng	#	94
50) 2,6-Dinitrotoluene	13.84	165	1385	0.49	ng		89
51) Acenaphthene	14.32	154	7364	0.64	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	14.16	138	1480	0.45	ng	#	99
54) Dibenzofuran	14.66	168	11312	0.70	ng		98
55) 4-Nitrophenol	14.47	139	1096	0.42	ng	#	81
56) 2,4-Dinitrotoluene	14.63	165	2004	3.39	ng	#	89
57) Fluorene	15.31	166	9783	0.67	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.90	232	1649	0.56	ng	#	82
59) Diethylphthalate	15.10	149	9543	0.64	ng	#	89
60) 4-Chlorophenyl-phenylether	15.32	204	4872	0.72	ng	#	88
61) 4-Nitroaniline	15.33	138	1829	0.50	ng		85
62) Azobenzene	15.61	77	9952	0.64	ng		96
65) n-Nitrosodiphenylamine	15.54	169	7622	0.58	ng	#	86
66) 4-Bromophenyl-phenylether	16.22	248	2656	0.62	ng	#	73
67) Hexachlorobenzene	16.31	284	2702	0.58	ng	#	84
68) Atrazine	16.49	200	3342	0.69	ng	#	72
69) Pentachlorophenol	16.67	266	1218	0.52	ng		92
70) Phenanthrene	17.06	178	15265	0.65	ng		98
71) Anthracene	17.15	178	14815	0.64	ng		94
72) Carbazole	17.42	167	13555	0.59	ng		93
73) Di-n-butylphthalate	18.01	149	18437	0.65	ng	#	96
74) Fluoranthene	19.08	202	18028	0.68	ng		94
76) Benzidine	19.28	184	7193	0.49	ng	#	90
77) Pyrene	19.44	202	18824	0.67	ng		99
79) Butylbenzylphthalate	20.37	149	7725	0.58	ng		87
80) Benzo(a)anthracene	21.20	228	18808	0.74	ng		94
81) 3,3'-Dichlorobenzidine	21.14	252	3346	0.35	ng	#	96
82) Chrysene	21.25	228	15880	0.68	ng		96
83) Bis(2-ethylhexyl)phthalate	21.15	149	11190	0.61	ng	#	86
84) Di-n-octyl phthalate	22.02	149	15711	0.52	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.68	276	17448	0.62	ng		99
87) Benzo(b)fluoranthene	22.76	252	16342	0.66	ng		97
88) Benzo(k)fluoranthene	22.81	252	16474m	0.69	ng		
89) Benzo(a)pyrene	23.33	252	14925	0.65	ng		94
90) Dibenzo(a,h)anthracene	25.72	278	14638	0.63	ng	#	91
91) Benzo(g,h,i)perylene	26.37	276	13479	0.60	ng		95

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

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