Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017194.D
Acq On : 16 May 2015 3:12
Operator : TP/IZ
Sample : G2250-21MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-04-D1MS

Manual Integrations APPROVED
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5/18/2015 12:15:38 PM

Quant Time: May 16 04:33:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 00:58:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	40131	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	175377	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	120556	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	273724	20.00	ng		0.00
75) Chrysene-d12	21.30	240	281648	20.00	ng		0.00
86) Perylene-d12	23.56	264	273161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	296798	131.22	ng		0.00
7) Phenol-d6	6.91	99	395202	124.50	ng		0.00
23) Nitrobenzene-d5	8.87	82	290952	77.45	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	187089	128.38	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	612442	74.54	ng		0.00
78) Terphenyl-d14	19.74	244	1097391	81.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	29792	33.38	ng	#	89
3) Pyridine	3.57	79	84190	31.18	ng		97
4) n-Nitrosodimethylamine	3.49	42	74064	36.14	ng	#	96
6) Aniline	7.04	93	77103	17.56	ng		96
8) 2-Chlorophenol	7.28	128	109031	40.29	ng		93
9) Benzaldehyde	6.85	77	34889	14.09	ng		96
10) Phenol	6.94	94	131460	39.05	ng		94
11) bis(2-Chloroethyl)ether	7.14	93	100933	39.99	ng		93
12) 1,3-Dichlorobenzene	7.59	146	102094	33.78	ng		98
13) 1,4-Dichlorobenzene	7.74	146	109416	35.87	ng		95
14) 1,2-Dichlorobenzene	8.06	146	104125	35.74	ng		96
15) Benzyl Alcohol	7.95	79	116891	37.90	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	167247	40.87	ng		98
17) 2-Methylphenol	8.17	107	98133	40.21	ng		92
18) Hexachloroethane	8.78	117	46460	36.46	ng		95
19) n-Nitroso-di-n-propylamine	8.52	70	98510	35.62	ng		98
20) 3+4-Methylphenols	8.50	107	134898	39.77	ng		97
22) Acetophenone	8.53	105	167985	39.47	ng	#	96
24) Nitrobenzene	8.91	77	144288	39.26	ng		97
25) Isophorone	9.43	82	264164	38.15	ng		98
26) 2-Nitrophenol	9.61	139	64696	39.38	ng		90
27) 2,4-Dimethylphenol	9.70	122	111680	41.30	ng		96
28) bis(2-Chloroethoxy)methane	9.92	93	136503	40.49	ng	#	93
29) 2,4-Dichlorophenol	10.17	162	112955	44.28	ng		96
30) 1,2,4-Trichlorobenzene	10.36	180	110214	38.08	ng		96
31) Naphthalene	10.55	128	334224	38.94	ng		97
32) Benzoic acid	9.85	122	66416	36.24	ng		98
33) 4-Chloroaniline	10.67	127	15815	3.90	ng		95
34) Hexachlorobutadiene	10.84	225	65842	35.93	ng		93
35) Caprolactam	11.44	113	45898m	35.79	ng		
36) 4-Chloro-3-methylphenol	11.82	107	143190	44.42	ng		99
37) 2-Methylnaphthalene	12.17	142	266426	39.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	123789	36.29	ng		97
40) Hexachlorocyclopentadiene	12.52	237	148463	71.36	ng		97

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	95925	39.65	ng		95
43) 2,4,5-Trichlorophenol	12.88	196	104420	41.89	ng		92
45) 1,1'-Biphenyl	13.19	154	340604	39.23	ng		98
46) 2-Chloronaphthalene	13.23	162	269047	39.13	ng		97
47) 2-Nitroaniline	13.45	65	111663	41.75	ng		99
48) Acenaphthylene	14.08	152	458496	38.94	ng		99
49) Dimethylphthalate	13.83	163	370787	39.33	ng		99
50) 2,6-Dinitrotoluene	13.95	165	85913	41.13	ng		94
51) Acenaphthene	14.43	154	273916	39.38	ng		99
52) 3-Nitroaniline	14.27	138	47749	20.60	ng	#	97
53) 2,4-Dinitrophenol	14.49	184	102094	84.18	ng		96
54) Dibenzofuran	14.76	168	420828	40.70	ng		100
55) 4-Nitrophenol	14.63	139	146396	78.45	ng		97
56) 2,4-Dinitrotoluene	14.73	165	126007	43.25	ng	#	97
57) Fluorene	15.41	166	383169	41.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	98783m	43.18	ng		
59) Diethylphthalate	15.19	149	406568	40.15	ng		97
60) 4-Chlorophenyl-phenylether	15.41	204	186361	39.64	ng		97
61) 4-Nitroaniline	15.44	138	104859	40.55	ng		94
62) Azobenzene	15.70	77	426753	44.12	ng		99
64) 4,6-Dinitro-2-methylphenol	15.50	198	72257	38.52	ng		96
65) n-Nitrosodiphenylamine	15.63	169	337469	40.16	ng		98
66) 4-Bromophenyl-phenylether	16.30	248	120114	40.23	ng		97
67) Hexachlorobenzene	16.41	284	122988	39.04	ng		94
68) Atrazine	16.58	200	131197	42.68	ng		98
69) Pentachlorophenol	16.77	266	155964	79.31	ng		95
70) Phenanthrene	17.15	178	594295	42.10	ng		99
71) Anthracene	17.24	178	604818	42.28	ng		97
72) Carbazole	17.52	167	573236	43.61	ng		99
73) Di-n-butylphthalate	18.08	149	756925	43.04	ng		99
74) Fluoranthene	19.17	202	717443	42.33	ng		96
76) Benzidine	19.36	184	106753	11.61	ng		96
77) Pyrene	19.53	202	738108	42.72	ng		99
79) Butylbenzylphthalate	20.44	149	340120	43.29	ng		100
80) Benzo(a)anthracene	21.28	228	682695	42.30	ng		100
81) 3,3'-Dichlorobenzidine	21.22	252	142327	22.79	ng		96
82) Chrysene	21.33	228	630086	41.91	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	469747	42.07	ng		99
84) Di-n-octyl phthalate	22.09	149	785329	42.24	ng		100
85) Indeno(1,2,3-cd)pyrene	25.88	276	747961	41.58	ng		98
87) Benzo(b)fluoranthene	22.88	252	694570	43.62	ng		98
88) Benzo(k)fluoranthene	22.92	252	642670	42.51	ng		99
89) Benzo(a)pyrene	23.46	252	653283	44.68	ng		98
90) Dibenzo(a,h)anthracene	25.89	278	638919	42.56	ng		98
91) Benzo(g,h,i)perylene	26.59	276	599991	42.46	ng	#	96

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

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