Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
Data File : BG017057.D
Acq On : 11 May 2015 17:26
Operator : TP/IZ
Sample : G2176-20MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-26(3-5)MSD

Quant Time: May 12 04:49:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 04:00:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	49321	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	215957	20.00	ng		0.00
38) Acenaphthene-d10	14.40	164	140654	20.00	ng		0.00
63) Phenanthrene-d10	17.15	188	321460	20.00	ng		0.00
75) Chrysene-d12	21.34	240	341969	20.00	ng		0.00
86) Perylene-d12	23.62	264	335595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	402239	142.01	ng		0.00
7) Phenol-d6	6.95	99	563590	139.27	ng		0.00
23) Nitrobenzene-d5	8.92	82	356642	80.68	ng		0.00
41) 2,4,6-Tribromophenol	15.90	330	222748	157.75	ng		0.00
44) 2-Fluorobiphenyl	13.02	172	739636	79.35	ng		0.00
78) Terphenyl-d14	19.78	244	1189354	81.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	42400	35.72	ng	#	1
3) Pyridine	3.62	79	126748	34.54	ng		97
4) n-Nitrosodimethylamine	3.54	42	94654	43.21	ng	#	87
6) Aniline	7.08	93	181845	32.00	ng		98
8) 2-Chlorophenol	7.32	128	149852	45.67	ng		98
9) Benzaldehyde	6.90	77	87138	28.84	ng		96
10) Phenol	6.97	94	203772	46.96	ng		99
11) bis(2-Chloroethyl)ether	7.18	93	140069	41.74	ng		95
12) 1,3-Dichlorobenzene	7.64	146	147646	40.80	ng		95
13) 1,4-Dichlorobenzene	7.79	146	151272	41.27	ng		96
14) 1,2-Dichlorobenzene	8.11	146	145043	41.24	ng		96
15) Benzyl Alcohol	8.00	79	161940	43.82	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.29	45	234448	37.75	ng		98
17) 2-Methylphenol	8.22	107	139921	45.79	ng		93
18) Hexachloroethane	8.83	117	62791	41.68	ng		98
19) n-Nitroso-di-n-propylamine	8.56	70	135647	38.23	ng		96
20) 3+4-Methylphenols	8.55	107	185420	44.03	ng		96
22) Acetophenone	8.58	105	225891	43.92	ng		96
24) Nitrobenzene	8.96	77	187838	42.08	ng		98
25) Isophorone	9.48	82	352904	39.54	ng		99
26) 2-Nitrophenol	9.66	139	86489	47.58	ng		91
27) 2,4-Dimethylphenol	9.74	122	156167	47.47	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	188581	41.86	ng		97
29) 2,4-Dichlorophenol	10.21	162	151597	48.78	ng		95
30) 1,2,4-Trichlorobenzene	10.41	180	143257	43.47	ng		94
31) Naphthalene	10.60	128	450874	41.98	ng		99
32) Benzoic acid	9.82	122	7071	4.89	ng	#	83
33) 4-Chloroaniline	10.71	127	137762	27.77	ng		96
34) Hexachlorobutadiene	10.88	225	88126	42.73	ng		95
35) Caprolactam	11.48	113	73383m	45.45	ng		
36) 4-Chloro-3-methylphenol	11.87	107	185892	46.72	ng		98
37) 2-Methylnaphthalene	12.22	142	341581	41.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	160434	42.20	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	216765	88.28	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	126081	46.79	ng		96
43) 2,4,5-Trichlorophenol	12.92	196	131704	46.05	ng		97
45) 1,1'-Biphenyl	13.23	154	436663	43.36	ng		99
46) 2-Chloronaphthalene	13.28	162	344206	43.15	ng		97
47) 2-Nitroaniline	13.49	65	137033	49.36	ng		97
48) Acenaphthylene	14.13	152	578843	41.67	ng		98
49) Dimethylphthalate	13.87	163	505048	48.09	ng		99
50) 2,6-Dinitrotoluene	13.99	165	109143	50.05	ng		96
51) Acenaphthene	14.47	154	347277	42.01	ng		96
52) 3-Nitroaniline	14.32	138	86104	34.71	ng		95
53) 2,4-Dinitrophenol	14.52	184	55371	55.52	ng		88
54) Dibenzofuran	14.80	168	522483	44.51	ng		97
55) 4-Nitrophenol	14.67	139	208252	99.00	ng		92
56) 2,4-Dinitrotoluene	14.77	165	154535	55.39	ng		99
57) Fluorene	15.46	166	457161	43.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.04	232	117300	47.53	ng	#	77
59) Diethylphthalate	15.23	149	493041	44.47	ng		98
60) 4-Chlorophenyl-phenylether	15.45	204	230461	44.14	ng		97
61) 4-Nitroaniline	15.49	138	135147	46.99	ng		91
62) Azobenzene	15.74	77	512956	44.67	ng		97
64) 4,6-Dinitro-2-methylphenol	15.54	198	82530	51.78	ng		94
65) n-Nitrosodiphenylamine	15.67	169	411189	41.90	ng		94
66) 4-Bromophenyl-phenylether	16.34	248	141656	43.90	ng		97
67) Hexachlorobenzene	16.45	284	149158	43.84	ng		99
68) Atrazine	16.63	200	165668	46.91	ng		96
69) Pentachlorophenol	16.81	266	192301	87.05	ng		97
70) Phenanthrene	17.20	178	692920	41.89	ng		99
71) Anthracene	17.28	178	717715	43.00	ng		99
72) Carbazole	17.56	167	712211	44.89	ng		98
73) Di-n-butylphthalate	18.12	149	906645	44.08	ng		99
74) Fluoranthene	19.22	202	841260	43.83	ng		100
76) Benzidine	19.40	184	550256	47.36	ng		99
77) Pyrene	19.58	202	864079	42.81	ng		100
79) Butylbenzylphthalate	20.48	149	409715	42.71	ng		97
80) Benzo(a)anthracene	21.32	228	809004	44.10	ng		99
81) 3,3'-Dichlorobenzidine	21.25	252	180698	25.23	ng	#	96
82) Chrysene	21.37	228	757476	44.08	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	556757	42.43	ng		99
84) Di-n-octyl phthalate	22.14	149	950758	43.13	ng	#	100
85) Indeno(1,2,3-cd)pyrene	25.98	276	890503	43.49	ng	#	100
87) Benzo(b)fluoranthene	22.93	252	797470	42.66	ng		98
88) Benzo(k)fluoranthene	22.98	252	781685	43.46	ng		98
89) Benzo(a)pyrene	23.52	252	771630	44.26	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	757402	42.53	ng		96
91) Benzo(g,h,i)perylene	26.70	276	732048	43.17	ng		99

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

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