Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017205.D
Acq On : 19 May 2015 19:15
Operator : TP/IZ
Sample : G2278-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11(16-18)MSD

Quant Time: May 20 02:34:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 02:03:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42164	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	177428	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	123969	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	278274	20.00	ng		0.00
75) Chrysene-d12	21.29	240	301889	20.00	ng		0.00
86) Perylene-d12	23.55	264	293016	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	382407	160.91	ng		0.00
7) Phenol-d6	6.90	99	520867	156.18	ng		0.00
23) Nitrobenzene-d5	8.86	82	344508	90.65	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	237519	158.50	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	708815	83.90	ng		0.00
78) Terphenyl-d14	19.74	244	1212810	83.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	36712	39.15	ng		97
3) Pyridine	3.56	79	115477	40.71	ng		94
4) n-Nitrosodimethylamine	3.47	42	87178	40.49	ng	#	99
6) Aniline	7.03	93	153522	33.27	ng		98
8) 2-Chlorophenol	7.27	128	133788	47.06	ng		95
9) Benzaldehyde	6.84	77	31714	12.00	ng		92
10) Phenol	6.92	94	179820	50.84	ng		97
11) bis(2-Chloroethyl)ether	7.13	93	124619	46.99	ng		95
12) 1,3-Dichlorobenzene	7.58	146	136793	43.08	ng		93
13) 1,4-Dichlorobenzene	7.73	146	140550	43.85	ng		95
14) 1,2-Dichlorobenzene	8.05	146	133892	43.74	ng		99
15) Benzyl Alcohol	7.95	79	145607	44.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	204616	47.59	ng		100
17) 2-Methylphenol	8.16	107	124045	48.37	ng		91
18) Hexachloroethane	8.77	117	57628	43.05	ng		91
19) n-Nitroso-di-n-propylamine	8.50	70	119233	41.03	ng		96
20) 3+4-Methylphenols	8.49	107	173499	48.68	ng		96
22) Acetophenone	8.52	105	203343	47.22	ng	#	92
24) Nitrobenzene	8.90	77	173789	46.74	ng		98
25) Isophorone	9.42	82	319267	45.58	ng	#	97
26) 2-Nitrophenol	9.61	139	80390	48.36	ng		93
27) 2,4-Dimethylphenol	9.69	122	134729	49.25	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	163904	48.06	ng		98
29) 2,4-Dichlorophenol	10.16	162	141167	54.70	ng		97
30) 1,2,4-Trichlorobenzene	10.35	180	135750	46.37	ng		95
31) Naphthalene	10.54	128	404179	46.55	ng		98
32) Benzoic acid	9.77	122	8196	4.42	ng		93
33) 4-Chloroaniline	10.66	127	128732	31.35	ng		95
34) Hexachlorobutadiene	10.82	225	86409	46.61	ng		96
35) Caprolactam	11.44	113	66573m	51.31	ng		
36) 4-Chloro-3-methylphenol	11.82	107	173764	53.29	ng		98
37) 2-Methylnaphthalene	12.16	142	309822	44.99	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	153715	43.83	ng		98
40) Hexachlorocyclopentadiene	12.51	237	196563	91.87	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	120263	48.34	ng		99
43) 2,4,5-Trichlorophenol	12.88	196	130731	51.00	ng		97
45) 1,1'-Biphenyl	13.19	154	393751	44.10	ng		98
46) 2-Chloronaphthalene	13.22	162	317125	44.86	ng		97
47) 2-Nitroaniline	13.44	65	132355	48.12	ng		99
48) Acenaphthylene	14.07	152	546091	45.10	ng		97
49) Dimethylphthalate	13.82	163	502888	51.88	ng		98
50) 2,6-Dinitrotoluene	13.94	165	103283	48.08	ng		95
51) Acenaphthene	14.42	154	320951	44.87	ng		99
52) 3-Nitroaniline	14.27	138	85804	36.00	ng		89
53) 2,4-Dinitrophenol	14.47	184	55664	44.63	ng		96
54) Dibenzofuran	14.76	168	490289	46.11	ng		98
55) 4-Nitrophenol	14.63	139	190782	99.42	ng		93
56) 2,4-Dinitrotoluene	14.73	165	145531	48.57	ng		98
57) Fluorene	15.41	166	431521	45.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	120320	51.14	ng		100
59) Diethylphthalate	15.18	149	474325	45.56	ng		98
60) 4-Chlorophenyl-phenylether	15.40	204	219402	45.39	ng		96
61) 4-Nitroaniline	15.44	138	124794	46.93	ng		91
62) Azobenzene	15.70	77	474393	47.69	ng		96
64) 4,6-Dinitro-2-methylphenol	15.49	198	85066	44.60	ng		93
65) n-Nitrosodiphenylamine	15.62	169	390433	45.70	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	134932	44.46	ng		96
67) Hexachlorobenzene	16.41	284	144849	45.23	ng		96
68) Atrazine	16.58	200	159015	50.88	ng		97
69) Pentachlorophenol	16.76	266	196486	98.28	ng		94
70) Phenanthrene	17.15	178	659504	45.96	ng		98
71) Anthracene	17.23	178	686991	47.24	ng		98
72) Carbazole	17.51	167	654046	48.94	ng		99
73) Di-n-butylphthalate	18.08	149	832349	46.55	ng		99
74) Fluoranthene	19.17	202	803423	46.62	ng		99
76) Benzidine	19.36	184	460884	46.76	ng		96
77) Pyrene	19.53	202	827134	44.66	ng		98
79) Butylbenzylphthalate	20.43	149	387631	46.03	ng		100
80) Benzo(a)anthracene	21.28	228	781855	45.19	ng		99
81) 3,3'-Dichlorobenzidine	21.21	252	210947	31.51	ng		99
82) Chrysene	21.33	228	731193	45.38	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	564479	47.16	ng		97
84) Di-n-octyl phthalate	22.09	149	921740	46.26	ng		99
85) Indeno(1,2,3-cd)pyrene	25.87	276	882981	45.79	ng		98
87) Benzo(b)fluoranthene	22.88	252	780911	45.72	ng		99
88) Benzo(k)fluoranthene	22.92	252	759553	46.84	ng		99
89) Benzo(a)pyrene	23.46	252	742021	47.31	ng		100
90) Dibenzo(a,h)anthracene	25.89	278	747591	46.43	ng		96
91) Benzo(g,h,i)perylene	26.58	276	709139	46.79	ng	#	97

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

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