Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
Data File : BG026692.D
Acq On : 21 Apr 2017 18:51
Operator : SJ/MA
Sample : I2782-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-7-42017MS

Quant Time: Apr 22 03:57:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	195588	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	834856	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	513210	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1244668	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1303359	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1311123	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	734340	68.25	ng		0.00
7) Phenol-d6	7.22	99	633691	44.95	ng		0.01
23) Nitrobenzene-d5	9.19	82	1131515	94.57	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	1004681	140.49	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	3076103	89.27	ng		-0.02
78) Terphenyl-d14	19.97	244	3869353	87.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	68213	12.12	ng	#	70
3) Pyridine	3.89	79	168203	13.35	ng	#	61
4) n-Nitrosodimethylamine	3.80	42	64715	17.66	ng	#	10
6) Aniline	7.35	93	313349	17.80	ng	#	84
8) 2-Chlorophenol	7.61	128	480706	37.44	ng	#	78
9) Benzaldehyde	7.17	77	238086	24.93	ng	#	63
10) Phenol	7.24	94	242117	15.78	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	524524	42.96	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	573954	37.93	ng	#	87
13) 1,4-Dichlorobenzene	8.06	146	582986	37.93	ng	#	92
14) 1,2-Dichlorobenzene	8.39	146	567887	39.11	ng	#	89
15) Benzyl Alcohol	8.27	79	257206	29.17	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.56	45	505033	42.75	ng		78
17) 2-Methylphenol	8.49	107	354043	32.94	ng	#	80
18) Hexachloroethane	9.11	117	176669	36.43	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	392748	44.94	ng	#	71
20) 3+4-Methylphenols	8.82	107	435332	29.47	ng		85
22) Acetophenone	8.85	105	834461	43.74	ng	#	75
24) Nitrobenzene	9.23	77	564835	44.58	ng	#	69
25) Isophorone	9.75	82	1109125	45.22	ng	#	87
26) 2-Nitrophenol	9.94	139	349759	45.57	ng	#	61
27) 2,4-Dimethylphenol	10.02	122	518899	41.88	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	734630	45.82	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	599250	46.25	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	604141	41.83	ng		98
31) Naphthalene	10.88	128	1812400	44.23	ng		99
32) Benzoic acid	10.13	122	108478	19.15	ng	#	72
33) 4-Chloroaniline	10.99	127	199943	11.38	ng	#	79
34) Hexachlorobutadiene	11.17	225	336029	40.69	ng		97
35) Caprolactam	11.75	113	35133	6.98	ng	#	51
36) 4-Chloro-3-methylphenol	12.12	107	572742	43.89	ng	#	72
37) 2-Methylnaphthalene	12.48	142	1425053	45.19	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	691442	43.74	ng		97
40) Hexachlorocyclopentadiene	12.82	237	700896	87.75	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	524809	46.62	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	567880	47.71	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1846466	44.28	ng		99
46) 2-Chloronaphthalene	13.52	162	1409510	44.60	ng		97
47) 2-Nitroaniline	13.73	65	395661	49.02	ng	#	47
48) Acenaphthylene	14.36	152	2307120	45.40	ng		99
49) Dimethylphthalate	14.09	163	1895164	46.65	ng		100
50) 2,6-Dinitrotoluene	14.22	165	457283	48.13	ng	#	57
51) Acenaphthene	14.70	154	1481637	45.81	ng		99
52) 3-Nitroaniline	14.55	138	184676	17.82	ng	#	64
53) 2,4-Dinitrophenol	14.76	184	547612	95.20	ng	#	75
54) Dibenzofuran	15.04	168	2263760	44.90	ng		91
55) 4-Nitrophenol	14.89	139	271423	31.03	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	654386	48.50	ng	#	67
57) Fluorene	15.68	166	1891731	45.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	548209	45.28	ng	#	95
59) Diethylphthalate	15.44	149	1876050	45.42	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	963838	46.52	ng		90
61) 4-Nitroaniline	15.71	138	461880	41.80	ng	#	52
62) Azobenzene	15.96	77	1493971	46.88	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	413353	49.18	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1700280	47.36	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	658010	48.38	ng		92
67) Hexachlorobenzene	16.69	284	705759	47.20	ng	#	88
68) Atrazine	16.83	200	652328	46.46	ng		97
69) Pentachlorophenol	17.04	266	827322	91.59	ng		96
70) Phenanthrene	17.41	178	2901190	45.27	ng		98
71) Anthracene	17.51	178	3006322	45.40	ng		94
72) Carbazole	17.78	167	2763316	43.58	ng		97
73) Di-n-butylphthalate	18.32	149	3112213	43.77	ng	#	95
74) Fluoranthene	19.42	202	3226600	43.43	ng		95
76) Benzidine	19.60	184	297974	11.49	ng		97
77) Pyrene	19.78	202	3261314	46.48	ng		95
79) Butylbenzylphthalate	20.65	149	1464693	48.51	ng	#	85
80) Benzo(a)anthracene	21.60	228	3227066	45.84	ng		97
81) 3,3'-Dichlorobenzidine	21.51	252	676070	23.16	ng		98
82) Chrysene	21.67	228	3007743	46.43	ng		97
83) Bis(2-ethylhexyl)phthalate	21.50	149	2066104	47.48	ng		95
84) Di-n-octyl phthalate	22.68	149	3474805	47.83	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.42	276	4238620	47.73	ng	#	95
87) Benzo(b)fluoranthene	23.79	252	3554659	47.35	ng	#	95
88) Benzo(k)fluoranthene	23.86	252	3363645	46.49	ng	#	96
89) Benzo(a)pyrene	24.65	252	3390941	46.79	ng	#	96
90) Dibenzo(a,h)anthracene	28.47	278	3575084	48.03	ng	#	91
91) Benzo(g,h,i)perylene	29.55	276	3551419	47.71	ng	#	86

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

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