Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
Data File : BG027846.D
Acq On : 4 Jul 2017 00:09
Operator : SJ/JU
Sample : I4007-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP5-MH2097-COMPMSD

Quant Time: Jul 05 01:10:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	27501	20.00	ng		-0.03
21) Naphthalene-d8	11.27	136	138797	20.00	ng		-0.02
38) Acenaphthene-d10	15.04	164	96173	20.00	ng		-0.03
63) Phenanthrene-d10	17.79	188	231181	20.00	ng		-0.03
75) Chrysene-d12	22.14	240	244499	20.00	ng		-0.03
86) Perylene-d12	25.73	264	243087	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	209071	117.07	ng		-0.03
7) Phenol-d6	7.59	99	301125	110.37	ng		-0.02
23) Nitrobenzene-d5	9.62	82	176411	70.85	ng		-0.03
41) 2,4,6-Tribromophenol	16.53	330	180547	136.87	ng		-0.02
44) 2-Fluorobiphenyl	13.66	172	487556	72.40	ng		-0.03
78) Terphenyl-d14	20.37	244	778717	74.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.01	88	17803	26.775	ng		93
3) Pyridine	4.40	79	53062	25.917	ng		97
4) n-Nitrosodimethylamine	4.30	42	32857	32.726	ng	#	82
6) Aniline	7.79	93	56147	17.754	ng		96
8) 2-Chlorophenol	8.02	128	79775	39.975	ng		88
9) Benzaldehyde	7.59	77	27221	16.767	ng		90
10) Phenol	7.62	94	116377	43.114	ng		86
11) bis(2-Chloroethyl)ether	7.86	93	80580	39.301	ng		90
12) 1,3-Dichlorobenzene	8.34	146	71906	33.875	ng	#	91
13) 1,4-Dichlorobenzene	8.49	146	74156	33.715	ng		96
14) 1,2-Dichlorobenzene	8.81	146	75316	35.316	ng		90
15) Benzyl Alcohol	8.68	79	36716	19.454	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.96	45	132594	30.320	ng		100
17) 2-Methylphenol	8.88	107	74176	38.842	ng	#	87
18) Hexachloroethane	9.54	117	25453	32.898	ng		88
19) n-Nitroso-di-n-propylamine	9.24	70	61887	31.179	ng	#	96
20) 3+4-Methylphenols	9.20	107	101350	36.803	ng		88
22) Acetophenone	9.27	105	117080	34.957	ng	#	91
24) Nitrobenzene	9.66	77	88967	34.175	ng	#	83
25) Isophorone	10.17	82	179182	33.013	ng	#	93
26) 2-Nitrophenol	10.37	139	45217	38.454	ng	#	84
27) 2,4-Dimethylphenol	10.41	122	88219	40.056	ng		91
28) bis(2-Chloroethoxy)methane	10.64	93	99396	32.301	ng		97
29) 2,4-Dichlorophenol	10.91	162	84403	43.729	ng		97
30) 1,2,4-Trichlorobenzene	11.13	180	74782	37.989	ng		96
31) Naphthalene	11.32	128	253921	34.401	ng		99
33) 4-Chloroaniline	11.47	127	56250	17.640	ng	#	87
34) Hexachlorobutadiene	11.59	225	43788	39.922	ng		95
35) Caprolactam	12.20	113	31887m	32.846	ng		
36) 4-Chloro-3-methylphenol	12.51	107	103552	38.127	ng		91
37) 2-Methylnaphthalene	12.89	142	197484	35.921	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	96586	38.218	ng		99
40) Hexachlorocyclopentadiene	13.22	237	115721	97.118	ng		97
42) 2,4,6-Trichlorophenol	13.48	196	73159	40.081	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.56	196	80250	38.802	ng		96
45) 1,1'-Biphenyl	13.88	154	268181	34.790	ng		99
46) 2-Chloronaphthalene	13.93	162	203205	34.896	ng		99
47) 2-Nitroaniline	14.13	65	78604	33.723	ng	#	83
48) Acenaphthylene	14.77	152	345113	32.433	ng		96
49) Dimethylphthalate	14.48	163	365189	44.512	ng		97
50) 2,6-Dinitrotoluene	14.61	165	64415	36.118	ng	#	80
51) Acenaphthene	15.10	154	230606	33.814	ng		99
52) 3-Nitroaniline	14.95	138	56647	26.999	ng	#	78
53) 2,4-Dinitrophenol	15.14	184	37325	42.621	ng		96
54) Dibenzofuran	15.44	168	330285	36.626	ng		99
55) 4-Nitrophenol	15.24	139	101771	63.542	ng	#	65
56) 2,4-Dinitrotoluene	15.39	165	90951	36.563	ng	#	87
57) Fluorene	16.08	166	288510	32.997	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	73858	41.427	ng		93
59) Diethylphthalate	15.83	149	311606	34.301	ng		96
60) 4-Chlorophenyl-phenylether	16.07	204	140366	36.265	ng		97
61) 4-Nitroaniline	16.11	138	71828	32.860	ng	#	66
62) Azobenzene	16.36	77	261004	32.696	ng		95
64) 4,6-Dinitro-2-methylphenol	16.16	198	49658	36.121	ng		89
65) n-Nitrosodiphenylamine	16.28	169	260344	34.619	ng		96
66) 4-Bromophenyl-phenylether	16.96	248	96021	39.712	ng		90
67) Hexachlorobenzene	17.09	284	101884	39.788	ng		94
68) Atrazine	17.22	200	84858	35.741	ng		96
69) Pentachlorophenol	17.44	266	112976	69.944	ng		98
70) Phenanthrene	17.84	178	461319	34.566	ng		95
71) Anthracene	17.92	178	462653	34.329	ng		98
72) Carbazole	18.19	167	415491	31.304	ng		96
73) Di-n-butylphthalate	18.71	149	511677	35.081	ng	#	94
74) Fluoranthene	19.83	202	514516	35.275	ng		95
76) Benzidine	20.01	184	202103	35.615	ng		96
77) Pyrene	20.19	202	517889	33.752	ng		95
79) Butylbenzylphthalate	21.06	149	226944	32.840	ng	#	88
80) Benzo(a)anthracene	22.12	228	507165	34.309	ng		93
81) 3,3'-Dichlorobenzidine	22.02	252	170397	31.761	ng		98
82) Chrysene	22.20	228	472055	34.070	ng		95
83) Bis(2-ethylhexyl)phthalate	21.97	149	328443	32.523	ng		95
84) Di-n-octyl phthalate	23.31	149	555245	33.279	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.86	276	597119	37.707	ng	#	95
87) Benzo(b)fluoranthene	24.58	252	509697	32.546	ng	#	96
88) Benzo(k)fluoranthene	24.66	252	508113	32.823	ng	#	95
89) Benzo(a)pyrene	25.56	252	487326	33.162	ng	#	96
90) Dibenzo(a,h)anthracene	29.92	278	509118	34.198	ng	#	96
91) Benzo(g,h,i)perylene	31.15	276	485949	33.965	ng	#	92

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

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