Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021224.D
Acq On : 2 Mar 2016 22:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 03 00:14:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 11:46:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	12095	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	56644	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	32155	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	70180	20.00	ng		0.00
75) Chrysene-d12	21.76	240	74829	20.00	ng		0.00
86) Perylene-d12	25.04	264	70535	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	56893	74.78	ng		0.00
7) Phenol-d6	7.30	99	90659	72.47	ng		0.00
23) Nitrobenzene-d5	9.31	82	103410	77.25	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	26802	80.11	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	195228	86.21	ng		0.00
78) Terphenyl-d14	20.09	244	258185	83.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	10743	31.44	ng		97
3) Pyridine	4.00	79	37232	34.47	ng		97
4) n-Nitrosodimethylamine	3.90	42	16879	31.02	ng		98
6) Aniline	7.47	93	57332	34.57	ng	#	89
8) 2-Chlorophenol	7.71	128	35882	38.47	ng		89
9) Benzaldehyde	7.29	77	25665	32.84	ng		85
10) Phenol	7.33	94	48033	36.02	ng		84
11) bis(2-Chloroethyl)ether	7.56	93	36559	35.56	ng		97
12) 1,3-Dichlorobenzene	8.03	146	37676	39.40	ng	#	92
13) 1,4-Dichlorobenzene	8.18	146	38073	38.67	ng		95
14) 1,2-Dichlorobenzene	8.50	146	37017	39.42	ng		99
15) Benzyl Alcohol	8.38	79	38332	33.55	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	56748	31.98	ng		94
17) 2-Methylphenol	8.58	107	32908	35.66	ng	#	90
18) Hexachloroethane	9.23	117	15582	37.79	ng		90
19) n-Nitroso-di-n-propylamine	8.95	70	35988	31.14	ng		91
20) 3+4-Methylphenols	8.91	107	45926	35.14	ng		93
22) Acetophenone	8.97	105	62629	37.16	ng	#	94
24) Nitrobenzene	9.35	77	56061	38.37	ng	#	87
25) Isophorone	9.88	82	98173	33.84	ng		97
26) 2-Nitrophenol	10.06	139	21839	41.03	ng	#	73
27) 2,4-Dimethylphenol	10.12	122	35645	37.33	ng		88
28) bis(2-Chloroethoxy)methane	10.35	93	48773	36.21	ng		98
29) 2,4-Dichlorophenol	10.60	162	34299	39.88	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	36788	42.41	ng		95
31) Naphthalene	11.00	128	117166	39.67	ng		98
32) Benzoic acid	10.25	122	25264	33.16	ng		90
33) 4-Chloroaniline	11.11	127	49465	36.32	ng	#	92
34) Hexachlorobutadiene	11.28	225	24272	45.96	ng		91
35) Caprolactam	11.92	113	12700	30.28	ng	#	93
36) 4-Chloro-3-methylphenol	12.22	107	45092	34.56	ng		89
37) 2-Methylnaphthalene	12.60	142	79124	37.63	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	45094	46.71	ng		99
40) Hexachlorocyclopentadiene	12.94	237	13910	26.27	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	30864	42.56	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	32103	41.40	ng		93
45) 1,1'-Biphenyl	13.60	154	113827	43.04	ng		97
46) 2-Chloronaphthalene	13.64	162	84698	42.67	ng		98
47) 2-Nitroaniline	13.84	65	35133	36.31	ng	#	75
48) Acenaphthylene	14.48	152	135818	40.41	ng		99
49) Dimethylphthalate	14.21	163	107029	37.35	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	23179	38.66	ng	#	70
51) Acenaphthene	14.82	154	81026	37.98	ng		97
52) 3-Nitroaniline	14.66	138	23772	35.73	ng	#	68
53) 2,4-Dinitrophenol	14.86	184	7408	27.24	ng		91
54) Dibenzofuran	15.15	168	111274	39.06	ng		92
55) 4-Nitrophenol	14.96	139	20370	36.92	ng	#	54
56) 2,4-Dinitrotoluene	15.11	165	32218	37.31	ng	#	76
57) Fluorene	15.80	166	104967	38.67	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	23801	38.37	ng	#	98
59) Diethylphthalate	15.56	149	113484	35.83	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	53177	39.24	ng		98
61) 4-Nitroaniline	15.82	138	25795	36.31	ng	#	58
62) Azobenzene	16.08	77	119098	35.01	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	13792	30.33	ng		90
65) n-Nitrosodiphenylamine	16.00	169	89223	41.35	ng		93
66) 4-Bromophenyl-phenylether	16.68	248	30958	42.21	ng	#	89
67) Hexachlorobenzene	16.80	284	31163	43.78	ng	#	84
68) Atrazine	16.94	200	31531	42.67	ng		98
69) Pentachlorophenol	17.14	266	18938	40.72	ng		92
70) Phenanthrene	17.54	178	153218	40.46	ng		98
71) Anthracene	17.63	178	156587	40.40	ng		98
72) Carbazole	17.90	167	139217	40.51	ng		98
73) Di-n-butylphthalate	18.44	149	190027	39.33	ng	#	98
74) Fluoranthene	19.54	202	178948	40.22	ng		98
76) Benzidine	19.71	184	89918	42.95	ng		97
77) Pyrene	19.89	202	181474	40.65	ng		99
79) Butylbenzylphthalate	20.77	149	87424	38.37	ng		90
80) Benzo(a)anthracene	21.74	228	181372	40.94	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	70437	42.02	ng		97
82) Chrysene	21.82	228	171783	40.92	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	129797	38.87	ng		97
84) Di-n-octyl phthalate	22.87	149	217922	39.18	ng	#	97
85) Indeno(1,2,3-cd)pyrene	28.79	276	184264	38.28	ng	#	85
87) Benzo(b)fluoranthene	24.00	252	178692	40.28	ng		98
88) Benzo(k)fluoranthene	24.07	252	175445	39.48	ng		98
89) Benzo(a)pyrene	24.89	252	173546	40.46	ng		95
90) Dibenzo(a,h)anthracene	28.85	278	152269	35.88	ng		98
91) Benzo(g,h,i)perylene	29.96	276	137167	33.46	ng	#	92

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

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