Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
Data File : BG022208.D
Acq On : 7 Jun 2016 17:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 08 03:20:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29235	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	151885	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	92337	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	212984	20.00	ng		0.00
75) Chrysene-d12	21.77	240	207323	20.00	ng		0.00
86) Perylene-d12	25.06	264	199954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	125498	83.00	ng		0.00
7) Phenol-d6	7.28	99	198738	83.60	ng		0.00
23) Nitrobenzene-d5	9.29	82	184724	84.79	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	80998	77.63	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	502303	82.90	ng		0.00
78) Terphenyl-d14	20.09	244	709242	81.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	28980	39.97	ng	#	82
3) Pyridine	3.92	79	78601	40.12	ng		97
4) n-Nitrosodimethylamine	3.84	42	19102	43.60	ng	#	98
6) Aniline	7.44	93	125896	41.68	ng	#	82
8) 2-Chlorophenol	7.68	128	85156	40.75	ng	#	79
9) Benzaldehyde	7.26	77	53047	40.54	ng	#	73
10) Phenol	7.30	94	104497	42.63	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	79320	40.59	ng	#	73
12) 1,3-Dichlorobenzene	8.01	146	87797	39.19	ng	#	89
13) 1,4-Dichlorobenzene	8.15	146	89725	40.20	ng		91
14) 1,2-Dichlorobenzene	8.47	146	89553	39.80	ng		96
15) Benzyl Alcohol	8.36	79	58310	37.96	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.65	45	81953	40.42	ng		80
17) 2-Methylphenol	8.57	107	72939	39.88	ng	#	84
18) Hexachloroethane	9.21	117	33394	40.97	ng	#	83
19) n-Nitroso-di-n-propylamine	8.92	70	64200	39.89	ng	#	70
20) 3+4-Methylphenols	8.89	107	104098	39.68	ng		94
22) Acetophenone	8.95	105	135430	41.38	ng	#	79
24) Nitrobenzene	9.33	77	89935	41.05	ng	#	77
25) Isophorone	9.85	82	195229	38.30	ng	#	93
26) 2-Nitrophenol	10.05	139	48290	40.65	ng	#	72
27) 2,4-Dimethylphenol	10.10	122	87938	40.90	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	116571	39.92	ng		94
29) 2,4-Dichlorophenol	10.59	162	84469	42.41	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	89053	40.01	ng		90
31) Naphthalene	10.99	128	299696	39.53	ng	#	96
32) Benzoic acid	10.24	122	25142	38.21	ng	#	87
33) 4-Chloroaniline	11.10	127	129934	41.22	ng	#	89
34) Hexachlorobutadiene	11.26	225	46861	39.22	ng		94
35) Caprolactam	11.87	113	37985	34.76	ng	#	49
36) 4-Chloro-3-methylphenol	12.21	107	95890	40.61	ng		87
37) 2-Methylnaphthalene	12.58	142	219666	39.25	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	98285	41.35	ng		98
40) Hexachlorocyclopentadiene	12.92	237	42339	37.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	66928	41.97	ng		93
43) 2,4,5-Trichlorophenol	13.27	196	71659	40.68	ng		94
45) 1,1'-Biphenyl	13.58	154	294201	42.34	ng		97
46) 2-Chloronaphthalene	13.63	162	223329	41.92	ng		96
47) 2-Nitroaniline	13.84	65	50582	39.82	ng	#	58
48) Acenaphthylene	14.48	152	377842	40.43	ng		98
49) Dimethylphthalate	14.19	163	294470	38.46	ng		98
50) 2,6-Dinitrotoluene	14.32	165	67554	40.59	ng	#	77
51) Acenaphthene	14.81	154	227118	40.56	ng		98
52) 3-Nitroaniline	14.66	138	71855	38.93	ng	#	76
53) 2,4-Dinitrophenol	14.87	184	21248	37.92	ng	#	73
54) Dibenzofuran	15.15	168	352320	40.32	ng		96
55) 4-Nitrophenol	14.98	139	51563	40.47	ng	#	70
56) 2,4-Dinitrotoluene	15.11	165	92261	41.33	ng	#	83
57) Fluorene	15.79	166	302379	40.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	66008	41.78	ng		97
59) Diethylphthalate	15.55	149	313848	38.38	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	137691	40.39	ng		92
61) 4-Nitroaniline	15.82	138	76057	38.85	ng	#	78
62) Azobenzene	16.07	77	252916	40.84	ng		87
64) 4,6-Dinitro-2-methylphenol	15.88	198	39694	38.04	ng	#	80
65) n-Nitrosodiphenylamine	15.99	169	253984	41.40	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	79457	39.81	ng		95
67) Hexachlorobenzene	16.80	284	93063	40.01	ng		95
68) Atrazine	16.94	200	86703	38.18	ng		99
69) Pentachlorophenol	17.15	266	35255	37.38	ng		98
70) Phenanthrene	17.54	178	463555	40.07	ng		99
71) Anthracene	17.63	178	459299	40.03	ng		97
72) Carbazole	17.90	167	435710	40.10	ng		99
73) Di-n-butylphthalate	18.43	149	561306	39.51	ng		98
74) Fluoranthene	19.54	202	528538	39.74	ng		97
76) Benzidine	19.72	184	228828	42.21	ng		98
77) Pyrene	19.90	202	519676	40.32	ng		100
79) Butylbenzylphthalate	20.76	149	242713	40.60	ng		90
80) Benzo(a)anthracene	21.75	228	474864	40.85	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	131949	40.43	ng		99
82) Chrysene	21.82	228	449712	39.75	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	361129	41.08	ng		98
84) Di-n-octyl phthalate	22.86	149	610228	41.81	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.84	276	529244	41.70	ng	#	84
87) Benzo(b)fluoranthene	24.01	252	474188m	40.66	ng		
88) Benzo(k)fluoranthene	24.08	252	462456	40.28	ng	#	98
89) Benzo(a)pyrene	24.91	252	458475	41.12	ng	#	95
90) Dibenzo(a,h)anthracene	28.90	278	434857	41.41	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	445143	40.74	ng		95

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

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