Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022216\
Data File : BG021018.D
Acq On : 22 Feb 2016 16:24
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC02.5

Quant Time: Feb 23 13:58:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 23:33:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	13325	20.00	ng		0.00
21) Naphthalene-d8	11.07	136	64927	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	38964	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	74864	20.00	ng		0.00
75) Chrysene-d12	21.87	240	46510	20.00	ng		0.00
86) Perylene-d12	25.23	264	46624	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.87	112	3510	4.51	ng		0.03
7) Phenol-d6	7.51	99	4569	4.03	ng		0.02
23) Nitrobenzene-d5	9.45	82	4034	4.16	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	2150	5.30	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	14392	5.20	ng		0.00
78) Terphenyl-d14	20.17	244	10501	5.08	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.85	128	2162	2.21	ng		99
9) Benzaldehyde	7.43	77	1401	2.51	ng		90
10) Phenol	7.54	94	2491	2.07	ng		92
11) bis(2-Chloroethyl)ether	7.68	93	2270	2.37	ng		92
12) 1,3-Dichlorobenzene	8.12	146	2555	2.46	ng		89
13) 1,4-Dichlorobenzene	8.28	146	2642m	2.50	ng		
14) 1,2-Dichlorobenzene	8.60	146	2549	2.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	2485	2.47	ng	#	45
17) 2-Methylphenol	8.77	107	1862	2.14	ng	#	87
18) Hexachloroethane	9.33	117	754	2.09	ng		82
20) 3+4-Methylphenols	9.12	107	2636	2.17	ng		95
22) Acetophenone	9.14	105	3533	2.30	ng	#	94
24) Nitrobenzene	9.49	77	2138	2.11	ng		91
25) Isophorone	10.13	82	4816	2.35	ng	#	88
26) 2-Nitrophenol	10.20	139	1259	2.32	ng		94
27) 2,4-Dimethylphenol	10.29	122	2232	2.20	ng		93
28) bis(2-Chloroethoxy)methane	10.50	93	2729	2.17	ng		99
29) 2,4-Dichlorophenol	10.76	162	2130	2.29	ng		88
30) 1,2,4-Trichlorobenzene	10.92	180	2459	2.60	ng		99
31) Naphthalene	11.11	128	8318	2.48	ng		95
34) Hexachlorobutadiene	11.37	225	1302	2.67	ng		96
36) 4-Chloro-3-methylphenol	12.41	107	2226	2.11	ng		96
37) 2-Methylnaphthalene	12.70	142	5699	2.41	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	2900	2.54	ng		97
40) Hexachlorocyclopentadiene	13.03	237	1373	2.62	ng		83
42) 2,4,6-Trichlorophenol	13.33	196	1871	2.43	ng		99
43) 2,4,5-Trichlorophenol	13.42	196	1986	2.45	ng		92
45) 1,1'-Biphenyl	13.69	154	8637	2.54	ng		97
46) 2-Chloronaphthalene	13.74	162	6152	2.52	ng		96
47) 2-Nitroaniline	13.99	65	1219	2.11	ng	#	76
48) Acenaphthylene	14.59	152	10671	2.50	ng		99
49) Dimethylphthalate	14.35	163	8129	2.65	ng		98
50) 2,6-Dinitrotoluene	14.45	165	1543	2.35	ng	#	86
51) Acenaphthene	14.92	154	5704	2.22	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	15.25	168	8736	2.53	ng		96
56) 2,4-Dinitrotoluene	15.23	165	1974	2.29	ng	#	95
57) Fluorene	15.90	166	7818	2.46	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.50	232	1406	2.22	ng	#	97
59) Diethylphthalate	15.69	149	7523	2.38	ng		99
60) 4-Chlorophenyl-phenylether	15.88	204	3734	2.60	ng	#	90
62) Azobenzene	16.17	77	5131	2.12	ng		94
65) n-Nitrosodiphenylamine	16.11	169	6175	2.57	ng		98
66) 4-Bromophenyl-phenylether	16.78	248	2179	2.73	ng		97
67) Hexachlorobenzene	16.88	284	2598	3.02	ng		99
68) Atrazine	17.10	200	1653	2.26	ng		90
69) Pentachlorophenol	17.26	266	1052	2.10	ng		88
70) Phenanthrene	17.64	178	10432	2.46	ng		98
71) Anthracene	17.72	178	10515	2.45	ng		97
72) Carbazole	18.02	167	8945	2.34	ng		94
73) Di-n-butylphthalate	18.55	149	10421	2.16	ng		99
76) Benzidine	19.83	184	4531	3.07	ng		98
77) Pyrene	19.99	202	8214	2.61	ng		99
79) Butylbenzylphthalate	20.87	149	3365	2.34	ng		88
80) Benzo(a)anthracene	21.85	228	6958	2.51	ng		99
81) 3,3'-Dichlorobenzidine	21.78	252	3572m	3.46	ng		
82) Chrysene	21.91	228	6458	2.48	ng		91
83) Bis(2-ethylhexyl)phthalate	21.72	149	5215	2.47	ng	#	87
84) Di-n-octyl phthalate	22.98	149	7881	2.28	ng	#	99
85) Indeno(1,2,3-cd)pyrene	29.04	276	7906	2.62	ng	#	78
87) Benzo(b)fluoranthene	24.15	252	7055	2.49	ng	#	77
88) Benzo(k)fluoranthene	24.21	252	6792	2.43	ng	#	77
89) Benzo(a)pyrene	25.05	252	6535	2.41	ng	#	67
90) Dibenzo(a,h)anthracene	29.11	278	6659	2.50	ng	#	82
91) Benzo(g,h,i)perylene	30.26	276	6407	2.43	ng		96

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

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