Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022616\
Data File : BG021075.D
Acq On : 26 Feb 2016 12:33
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Feb 26 14:42:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 14:25:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	4924	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	21734	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	14086	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	36624	20.00	ng		0.00
75) Chrysene-d12	21.79	240	48339	20.00	ng		0.00
86) Perylene-d12	25.08	264	45267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	5402	19.23	ng		0.00
7) Phenol-d6	7.31	99	7966	18.42	ng		-0.01
23) Nitrobenzene-d5	9.34	82	9088	24.55	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	3633	21.53	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	21996	21.74	ng		0.00
78) Terphenyl-d14	20.11	244	38955	10.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	1237	17.06	ng		92
3) Pyridine	4.03	79	3401	13.24	ng		98
4) n-Nitrosodimethylamine	3.94	42	1758	16.64	ng	#	89
6) Aniline	7.50	93	4834	9.48	ng	#	87
8) 2-Chlorophenol	7.74	128	3349	9.94	ng		94
9) Benzaldehyde	7.31	77	2554	12.21	ng		92
10) Phenol	7.34	94	3828	8.48	ng	#	72
11) bis(2-Chloroethyl)ether	7.59	93	3172	8.76	ng		99
12) 1,3-Dichlorobenzene	8.06	146	3769	9.88	ng	#	86
13) 1,4-Dichlorobenzene	8.21	146	3606	9.05	ng		99
14) 1,2-Dichlorobenzene	8.53	146	3725	10.07	ng		94
15) Benzyl Alcohol	8.41	79	3363	11.42	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.71	45	3538	5.80	ng		89
17) 2-Methylphenol	8.60	107	2867	9.34	ng	#	87
18) Hexachloroethane	9.27	117	1413	9.88	ng	#	76
19) n-Nitroso-di-n-propylamine	8.98	70	2950	9.69	ng		89
20) 3+4-Methylphenols	8.93	107	4004	9.41	ng		98
22) Acetophenone	9.00	105	5952	11.84	ng	#	88
24) Nitrobenzene	9.38	77	4766	11.87	ng	#	85
25) Isophorone	9.91	82	8157	10.69	ng	#	95
26) 2-Nitrophenol	10.09	139	1647	9.25	ng	#	63
27) 2,4-Dimethylphenol	10.14	122	3367	10.48	ng	#	84
28) bis(2-Chloroethoxy)methane	10.38	93	4274	10.36	ng		95
29) 2,4-Dichlorophenol	10.62	162	3265	11.10	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	3820	12.11	ng		94
31) Naphthalene	11.03	128	11317	9.96	ng		98
32) Benzoic acid	10.21	122	2623	10.79	ng		93
33) 4-Chloroaniline	11.13	127	4540	9.98	ng		95
34) Hexachlorobutadiene	11.32	225	2642	15.08	ng		84
35) Caprolactam	11.90	113	1081	9.38	ng	#	71
36) 4-Chloro-3-methylphenol	12.23	107	4084	10.96	ng	#	86
37) 2-Methylnaphthalene	12.63	142	7619	9.21	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	5031	12.92	ng		95
40) Hexachlorocyclopentadiene	12.97	237	3274	14.85	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	3223	11.64	ng	#	83
43) 2,4,5-Trichlorophenol	13.28	196	3257	11.46	ng		89
45) 1,1'-Biphenyl	13.62	154	11744	9.61	ng		97
46) 2-Chloronaphthalene	13.66	162	8815	10.31	ng		98
47) 2-Nitroaniline	13.86	65	2719	10.54	ng	#	84
48) Acenaphthylene	14.51	152	14065	9.00	ng		98
49) Dimethylphthalate	14.23	163	12087	10.52	ng	#	94
50) 2,6-Dinitrotoluene	14.35	165	2418	10.28	ng	#	58
51) Acenaphthene	14.85	154	9228	10.27	ng		99
52) 3-Nitroaniline	14.67	138	2447	9.06	ng	#	86
53) 2,4-Dinitrophenol	14.88	184	1433	11.30	ng	#	87
54) Dibenzofuran	15.18	168	12555	9.84	ng	#	89
55) 4-Nitrophenol	14.96	139	1925	8.26	ng	#	39
56) 2,4-Dinitrotoluene	15.12	165	3455	10.23	ng	#	88
57) Fluorene	15.82	166	12191	10.11	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	2731	11.50	ng	#	95
59) Diethylphthalate	15.59	149	13050	10.37	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	6618	11.90	ng		97
61) 4-Nitroaniline	15.83	138	2564	9.06	ng	#	49
62) Azobenzene	16.10	77	11285	10.34	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	2156	9.72	ng		91
65) n-Nitrosodiphenylamine	16.02	169	10437	9.47	ng		90
66) 4-Bromophenyl-phenylether	16.70	248	4259	11.05	ng		97
67) Hexachlorobenzene	16.82	284	4473	10.60	ng		94
68) Atrazine	16.96	200	4182	12.10	ng		98
69) Pentachlorophenol	17.16	266	2731	11.22	ng		89
70) Phenanthrene	17.56	178	19375	9.35	ng		96
71) Anthracene	17.65	178	19597	9.49	ng		98
72) Carbazole	17.91	167	16936	9.10	ng	#	93
73) Di-n-butylphthalate	18.47	149	21541	9.51	ng	#	95
74) Fluoranthene	19.55	202	25038	12.02	ng		91
76) Benzidine	19.73	184	13263	5.39	ng		99
77) Pyrene	19.91	202	25527	4.62	ng		97
79) Butylbenzylphthalate	20.79	149	10284	5.28	ng	#	89
80) Benzo(a)anthracene	21.77	228	27513	9.49	ng		96
81) 3,3'-Dichlorobenzidine	21.67	252	10475	9.79	ng	#	98
82) Chrysene	21.83	228	26693	9.87	ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	15357	7.22	ng		96
84) Di-n-octyl phthalate	22.91	149	27066	8.95	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.83	276	31879	13.11	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	27786	9.31	ng	#	94
88) Benzo(k)fluoranthene	24.10	252	27960	9.93	ng	#	94
89) Benzo(a)pyrene	24.92	252	27092	10.13	ng	#	94
90) Dibenzo(a,h)anthracene	28.91	278	27162	11.28	ng	#	96
91) Benzo(g,h,i)perylene	30.01	276	25899	10.78	ng	#	91

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

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