Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072616\
Data File : BG023272.D
Acq On : 26 Jul 2016 16:34
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jul 26 17:12:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 26 16:52:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	147736	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	717057	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	520224	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1204172	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1050249	20.00	ng		0.00
86) Perylene-d12	25.30	264	1044736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	705573	78.11	ng		0.00
7) Phenol-d6	7.29	99	1108610	78.36	ng		0.00
23) Nitrobenzene-d5	9.31	82	1202875	71.83	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	481777	51.53	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	2241099	67.86	ng		0.00
78) Terphenyl-d14	20.18	244	2482022	73.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	148790	42.38	ng	#	94
3) Pyridine	3.94	79	647547	53.90	ng		92
4) n-Nitrosodimethylamine	3.86	42	297815	57.78	ng	#	87
6) Aniline	7.45	93	710897	36.26	ng		98
8) 2-Chlorophenol	7.70	128	390077	40.58	ng		98
9) Benzaldehyde	7.26	77	385474	40.78	ng		92
10) Phenol	7.32	94	573679	39.41	ng		86
11) bis(2-Chloroethyl)ether	7.55	93	479286	41.54	ng		94
12) 1,3-Dichlorobenzene	8.02	146	432134	36.72	ng		97
13) 1,4-Dichlorobenzene	8.17	146	448020	38.03	ng		97
14) 1,2-Dichlorobenzene	8.50	146	430351	36.75	ng		93
15) Benzyl Alcohol	8.37	79	375867	29.01	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.67	45	687380	48.77	ng		92
17) 2-Methylphenol	8.58	107	376410	39.72	ng		94
18) Hexachloroethane	9.23	117	186357	37.48	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	495351	38.84	ng		97
20) 3+4-Methylphenols	8.91	107	532914	40.33	ng		93
22) Acetophenone	8.97	105	774245	35.98	ng	#	95
24) Nitrobenzene	9.36	77	682624	38.36	ng	#	89
25) Isophorone	9.88	82	1252642	37.19	ng	#	96
26) 2-Nitrophenol	10.08	139	265168	37.98	ng		91
27) 2,4-Dimethylphenol	10.13	122	433116	35.88	ng		88
28) bis(2-Chloroethoxy)methane	10.37	93	671287	35.74	ng		99
29) 2,4-Dichlorophenol	10.62	162	441416	34.29	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	479713	32.52	ng		98
31) Naphthalene	11.03	128	1329139	36.41	ng		99
32) Benzoic acid	10.28	122	302249	27.53	ng		94
33) 4-Chloroaniline	11.13	127	602230	33.74	ng		96
34) Hexachlorobutadiene	11.31	225	340946	28.51	ng		95
35) Caprolactam	11.91	113	174252	32.90	ng	#	84
36) 4-Chloro-3-methylphenol	12.26	107	581163	33.01	ng		92
37) 2-Methylnaphthalene	12.63	142	1007721	34.93	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	686922	30.64	ng		99
40) Hexachlorocyclopentadiene	12.97	237	365230	28.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	417443	32.40	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	438713	33.15	ng		92
45) 1,1'-Biphenyl	13.64	154	1425000	36.51	ng		94
46) 2-Chloronaphthalene	13.68	162	1157654	36.56	ng		97
47) 2-Nitroaniline	13.89	65	488764	36.18	ng		97
48) Acenaphthylene	14.53	152	1779745	37.47	ng		98
49) Dimethylphthalate	14.25	163	1536501	36.16	ng	#	96
50) 2,6-Dinitrotoluene	14.38	165	356702	37.35	ng		85
51) Acenaphthene	14.88	154	1135314	36.58	ng		97
52) 3-Nitroaniline	14.72	138	349309	36.68	ng		87
53) 2,4-Dinitrophenol	14.92	184	217728	33.23	ng		93
54) Dibenzofuran	15.21	168	1633650	35.16	ng		98
55) 4-Nitrophenol	15.02	139	300014	37.58	ng	#	87
56) 2,4-Dinitrotoluene	15.17	165	506316	36.37	ng		100
57) Fluorene	15.86	166	1445271	36.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	381676	28.83	ng		93
59) Diethylphthalate	15.62	149	1581044	36.57	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	794756	32.63	ng		98
61) 4-Nitroaniline	15.89	138	377764	36.66	ng	#	73
62) Azobenzene	16.14	77	1624089	39.27	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	325251	36.34	ng		92
65) n-Nitrosodiphenylamine	16.06	169	1304734	37.61	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	507380	32.39	ng		98
67) Hexachlorobenzene	16.88	284	505277	29.66	ng		97
68) Atrazine	17.02	200	493761	32.09	ng		94
69) Pentachlorophenol	17.22	266	319920	29.00	ng		98
70) Phenanthrene	17.62	178	2191405	37.13	ng		95
71) Anthracene	17.71	178	2236076	37.42	ng		96
72) Carbazole	17.98	167	1912866	37.05	ng		97
73) Di-n-butylphthalate	18.52	149	2231102	38.85	ng		98
74) Fluoranthene	19.63	202	2281132	31.50	ng		95
76) Benzidine	19.81	184	1196585	39.74	ng		98
77) Pyrene	19.99	202	2280768	38.64	ng		97
79) Butylbenzylphthalate	20.86	149	1019298	43.60	ng		99
80) Benzo(a)anthracene	21.88	228	2139050	36.40	ng		99
81) 3,3'-Dichlorobenzidine	21.79	252	905159	35.09	ng	#	98
82) Chrysene	21.95	228	2066717	37.50	ng		97
83) Bis(2-ethylhexyl)phthalate	21.76	149	1438323	44.31	ng	#	98
84) Di-n-octyl phthalate	23.03	149	2404431	44.42	ng		98
85) Indeno(1,2,3-cd)pyrene	29.20	276	2514658	35.78	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	2210259	36.67	ng	#	95
88) Benzo(k)fluoranthene	24.28	252	2197103	38.41	ng	#	94
89) Benzo(a)pyrene	25.14	252	2173450	37.62	ng	#	95
90) Dibenzo(a,h)anthracene	29.28	278	2067232	36.05	ng	#	92
91) Benzo(g,h,i)perylene	30.43	276	2473751	43.07	ng	#	81

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

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