Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
Data File : BG023306.D
Acq On : 28 Jul 2016 13:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 29 01:06:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	176368	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	775872	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	510505	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1157907	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1198569	20.00	ng		0.00
86) Perylene-d12	25.30	264	1238466	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	829268	80.27	ng		0.00
7) Phenol-d6	7.29	99	1232499	77.71	ng		0.00
23) Nitrobenzene-d5	9.31	82	1152430	72.64	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	502740	95.15	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2243236	82.24	ng		0.00
78) Terphenyl-d14	20.18	244	2812298	76.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	174091	39.29	ng	#	91
3) Pyridine	3.94	79	514095	33.15	ng		92
4) n-Nitrosodimethylamine	3.85	42	208023	29.69	ng	#	73
6) Aniline	7.45	93	757546	35.76	ng		91
8) 2-Chlorophenol	7.70	128	443349	38.46	ng		98
9) Benzaldehyde	7.26	77	377549	33.14	ng		94
10) Phenol	7.31	94	630412	37.67	ng		80
11) bis(2-Chloroethyl)ether	7.54	93	507096	35.65	ng		90
12) 1,3-Dichlorobenzene	8.02	146	506939	39.03	ng		94
13) 1,4-Dichlorobenzene	8.17	146	521991	39.39	ng		92
14) 1,2-Dichlorobenzene	8.49	146	482471	37.74	ng		94
15) Benzyl Alcohol	8.38	79	377714	35.38	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	755386	33.37	ng		88
17) 2-Methylphenol	8.58	107	431047	37.68	ng	#	85
18) Hexachloroethane	9.23	117	196774	35.64	ng		92
19) n-Nitroso-di-n-propylamine	8.94	70	461993	32.38	ng		96
20) 3+4-Methylphenols	8.91	107	589847	37.92	ng		91
22) Acetophenone	8.96	105	776157	38.32	ng	#	90
24) Nitrobenzene	9.36	77	680469	36.93	ng	#	86
25) Isophorone	9.88	82	1197640	36.55	ng	#	92
26) 2-Nitrophenol	10.07	139	284556	40.89	ng	#	78
27) 2,4-Dimethylphenol	10.13	122	473314	40.35	ng	#	81
28) bis(2-Chloroethoxy)methane	10.36	93	677487	36.85	ng		98
29) 2,4-Dichlorophenol	10.62	162	475134	41.84	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	500297	39.87	ng		94
31) Naphthalene	11.03	128	1457445	40.43	ng		97
32) Benzoic acid	10.26	122	300916	34.30	ng	#	85
33) 4-Chloroaniline	11.13	127	633257	38.02	ng	#	91
34) Hexachlorobutadiene	11.30	225	322736	39.24	ng		96
35) Caprolactam	11.91	113	178412	36.95	ng		91
36) 4-Chloro-3-methylphenol	12.26	107	576446	38.64	ng	#	89
37) 2-Methylnaphthalene	12.63	142	1062300	39.74	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	687382	41.59	ng		99
40) Hexachlorocyclopentadiene	12.97	237	321731	41.08	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	401819	41.39	ng		100
43) 2,4,5-Trichlorophenol	13.32	196	423681	41.14	ng		96
45) 1,1'-Biphenyl	13.63	154	1465142	41.15	ng		92
46) 2-Chloronaphthalene	13.68	162	1139786	39.95	ng		97
47) 2-Nitroaniline	13.89	65	437075	36.21	ng	#	84
48) Acenaphthylene	14.53	152	1783809	40.84	ng		99
49) Dimethylphthalate	14.25	163	1460913	38.78	ng		98
50) 2,6-Dinitrotoluene	14.38	165	339463	38.48	ng	#	79
51) Acenaphthene	14.87	154	1133109	39.99	ng		99
52) 3-Nitroaniline	14.72	138	360740	40.60	ng	#	76
53) 2,4-Dinitrophenol	14.92	184	185021	35.82	ng	#	87
54) Dibenzofuran	15.21	168	1587499	39.60	ng		95
55) 4-Nitrophenol	15.03	139	293093	38.03	ng	#	70
56) 2,4-Dinitrotoluene	15.17	165	482524	38.84	ng		90
57) Fluorene	15.86	166	1414818	39.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	354900	40.71	ng		92
59) Diethylphthalate	15.61	149	1457656	37.77	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	730143	38.10	ng		98
61) 4-Nitroaniline	15.88	138	370112	39.72	ng	#	62
62) Azobenzene	16.14	77	1470570	36.76	ng		90
64) 4,6-Dinitro-2-methylphenol	15.94	198	307820	41.39	ng		94
65) n-Nitrosodiphenylamine	16.07	169	1262415	40.84	ng		93
66) 4-Bromophenyl-phenylether	16.75	248	495117	42.29	ng		95
67) Hexachlorobenzene	16.87	284	518236	44.02	ng		98
68) Atrazine	17.01	200	490320	41.35	ng		96
69) Pentachlorophenol	17.22	266	309068	42.54	ng		97
70) Phenanthrene	17.61	178	2159241	42.63	ng		97
71) Anthracene	17.71	178	2209263	43.17	ng		96
72) Carbazole	17.98	167	2028895	43.29	ng		99
73) Di-n-butylphthalate	18.52	149	2324875	44.46	ng		97
74) Fluoranthene	19.63	202	2463159	42.62	ng		93
76) Benzidine	19.81	184	1431446	42.46	ng		99
77) Pyrene	19.99	202	2501977	36.78	ng		96
79) Butylbenzylphthalate	20.87	149	1167496	39.02	ng		96
80) Benzo(a)anthracene	21.87	228	2429818	38.72	ng		98
81) 3,3'-Dichlorobenzidine	21.78	252	1066912	41.93	ng	#	94
82) Chrysene	21.94	228	2346116	38.70	ng		97
83) Bis(2-ethylhexyl)phthalate	21.75	149	1603654	38.30	ng	#	99
84) Di-n-octyl phthalate	23.03	149	2645202	38.62	ng		99
85) Indeno(1,2,3-cd)pyrene	29.20	276	3146087	44.49	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	2586744	39.32	ng	#	96
88) Benzo(k)fluoranthene	24.29	252	2488659	37.84	ng	#	95
89) Benzo(a)pyrene	25.14	252	2514914	39.01	ng	#	96
90) Dibenzo(a,h)anthracene	29.27	278	2584662	42.38	ng	#	90
91) Benzo(g,h,i)perylene	30.42	276	2565495	39.96	ng	#	91

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

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