Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022998.D
Acq On : 10 Jul 2016 13:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 11 02:37:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	163045	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	752670	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	552437	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1254703	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1364269	20.00	ng		0.00
86) Perylene-d12	25.21	264	1424937	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	798430	80.09	ng		0.00
7) Phenol-d6	7.31	99	1279798	81.97	ng		0.00
23) Nitrobenzene-d5	9.33	82	1409188	80.17	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	678511	68.34	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2670030	76.13	ng		0.00
78) Terphenyl-d14	20.16	244	3321689	73.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	150875	38.94	ng	#	94
3) Pyridine	3.97	79	535392	40.38	ng	#	90
4) n-Nitrosodimethylamine	3.89	42	230922	40.59	ng	#	91
6) Aniline	7.47	93	895692	41.39	ng		95
8) 2-Chlorophenol	7.72	128	447708	42.20	ng		99
9) Benzaldehyde	7.28	77	409484	39.25	ng		93
10) Phenol	7.34	94	658937	41.02	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	506301	39.76	ng		95
12) 1,3-Dichlorobenzene	8.04	146	512331	39.45	ng		98
13) 1,4-Dichlorobenzene	8.19	146	522486	40.19	ng		96
14) 1,2-Dichlorobenzene	8.51	146	524463	40.58	ng		94
15) Benzyl Alcohol	8.39	79	592030	41.40	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	642457	41.31	ng		94
17) 2-Methylphenol	8.59	107	434630	41.56	ng		96
18) Hexachloroethane	9.24	117	217620	39.65	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	551457	39.18	ng		91
20) 3+4-Methylphenols	8.93	107	610717	41.87	ng		99
22) Acetophenone	8.98	105	872341	38.62	ng	#	94
24) Nitrobenzene	9.37	77	769904	41.22	ng		94
25) Isophorone	9.89	82	1324958	37.48	ng		97
26) 2-Nitrophenol	10.09	139	299906	40.92	ng		89
27) 2,4-Dimethylphenol	10.14	122	501369	39.57	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	771533	39.13	ng		98
29) 2,4-Dichlorophenol	10.63	162	541971	40.11	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	633038	40.88	ng		99
31) Naphthalene	11.03	128	1539993	40.19	ng		98
32) Benzoic acid	10.30	122	464681	40.32	ng		98
33) 4-Chloroaniline	11.14	127	748209	39.93	ng		98
34) Hexachlorobutadiene	11.31	225	490190	39.05	ng		95
35) Caprolactam	11.93	113	185311	33.33	ng	#	85
36) 4-Chloro-3-methylphenol	12.26	107	705000	38.15	ng		95
37) 2-Methylnaphthalene	12.63	142	1183142	39.07	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	975868	40.99	ng		97
40) Hexachlorocyclopentadiene	12.97	237	460600	33.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	535255	39.12	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	545311	38.81	ng		94
45) 1,1'-Biphenyl	13.63	154	1653093	39.88	ng		95
46) 2-Chloronaphthalene	13.68	162	1365380	40.61	ng		96
47) 2-Nitroaniline	13.88	65	587460	40.95	ng		97
48) Acenaphthylene	14.52	152	1938665	38.44	ng		96
49) Dimethylphthalate	14.24	163	1633232	36.19	ng		97
50) 2,6-Dinitrotoluene	14.37	165	386528	38.11	ng		89
51) Acenaphthene	14.86	154	1286294	39.03	ng		99
52) 3-Nitroaniline	14.71	138	400274	39.58	ng		87
53) 2,4-Dinitrophenol	14.91	184	208708	29.99	ng		95
54) Dibenzofuran	15.20	168	1817838	36.85	ng		98
55) 4-Nitrophenol	15.01	139	312205	36.83	ng		92
56) 2,4-Dinitrotoluene	15.16	165	558038	37.74	ng		95
57) Fluorene	15.85	166	1561901	36.78	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	511085	36.35	ng	#	99
59) Diethylphthalate	15.60	149	1635073	35.61	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	940529	36.37	ng		98
61) 4-Nitroaniline	15.87	138	409409	37.41	ng	#	85
62) Azobenzene	16.13	77	1657290	37.74	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	344806	36.98	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1471260	40.70	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	651690	39.92	ng		98
67) Hexachlorobenzene	16.85	284	703194	39.62	ng		99
68) Atrazine	17.00	200	630288	39.31	ng		99
69) Pentachlorophenol	17.20	266	447265	38.91	ng		98
70) Phenanthrene	17.60	178	2346942	38.17	ng		94
71) Anthracene	17.69	178	2428627	39.00	ng		96
72) Carbazole	17.96	167	2126800	39.53	ng		96
73) Di-n-butylphthalate	18.50	149	2426147	40.55	ng		97
74) Fluoranthene	19.60	202	2790166	36.98	ng		93
76) Benzidine	19.78	184	1560964	39.91	ng		98
77) Pyrene	19.97	202	2840996	37.06	ng		94
79) Butylbenzylphthalate	20.83	149	1261667	41.55	ng		99
80) Benzo(a)anthracene	21.83	228	2996606	39.26	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	1339066	39.97	ng	#	94
82) Chrysene	21.90	228	2793221	39.01	ng		92
83) Bis(2-ethylhexyl)phthalate	21.71	149	1728336	40.99	ng		97
84) Di-n-octyl phthalate	22.96	149	2881632	40.98	ng		100
85) Indeno(1,2,3-cd)pyrene	29.07	276	3591012	39.34	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3242481	39.44	ng	#	95
88) Benzo(k)fluoranthene	24.22	252	3102703	39.77	ng	#	92
89) Benzo(a)pyrene	25.06	252	3122482	39.62	ng	#	95
90) Dibenzo(a,h)anthracene	29.13	278	3105819	39.71	ng	#	92
91) Benzo(g,h,i)perylene	30.28	276	3100829	39.59	ng	#	97

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

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