Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023048.D
Acq On : 12 Jul 2016 22:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 13 01:09:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	157887	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	761007	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	581019	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1293336	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1388034	20.00	ng		0.03
86) Perylene-d12	25.26	264	1411927	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	740041	76.66	ng		0.00
7) Phenol-d6	7.31	99	1234456	81.64	ng		0.00
23) Nitrobenzene-d5	9.33	82	1413350	79.52	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	666226	63.80	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2722022	73.79	ng		0.00
78) Terphenyl-d14	20.16	244	3333905	71.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	139599	37.20	ng	#	95
3) Pyridine	3.97	79	479898	37.37	ng		96
4) n-Nitrosodimethylamine	3.88	42	217569	39.49	ng	#	92
6) Aniline	7.47	93	843255	40.24	ng		98
8) 2-Chlorophenol	7.71	128	420551	40.94	ng		96
9) Benzaldehyde	7.29	77	377159	37.33	ng		95
10) Phenol	7.34	94	661424	42.52	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	479938	38.92	ng		95
12) 1,3-Dichlorobenzene	8.04	146	491175	39.06	ng		96
13) 1,4-Dichlorobenzene	8.19	146	499946	39.71	ng		95
14) 1,2-Dichlorobenzene	8.51	146	487179	38.92	ng		97
15) Benzyl Alcohol	8.39	79	589081	42.54	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	618799	41.08	ng		95
17) 2-Methylphenol	8.60	107	423111	41.78	ng		93
18) Hexachloroethane	9.25	117	209819	39.48	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	534471	39.21	ng		97
20) 3+4-Methylphenols	8.93	107	598867	42.40	ng		97
22) Acetophenone	8.98	105	875851	38.35	ng	#	95
24) Nitrobenzene	9.37	77	765164	40.52	ng		97
25) Isophorone	9.89	82	1360249	38.05	ng		96
26) 2-Nitrophenol	10.09	139	305197	41.19	ng		87
27) 2,4-Dimethylphenol	10.14	122	504922	39.42	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	777735	39.01	ng		99
29) 2,4-Dichlorophenol	10.63	162	554492	40.59	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	616897	39.41	ng		94
31) Naphthalene	11.03	128	1535318	39.63	ng		98
32) Benzoic acid	10.31	122	478460	41.06	ng		93
33) 4-Chloroaniline	11.14	127	760246	40.13	ng		98
34) Hexachlorobutadiene	11.31	225	482262	38.00	ng		97
35) Caprolactam	11.93	113	191013	33.98	ng		97
36) 4-Chloro-3-methylphenol	12.26	107	731102	39.13	ng		98
37) 2-Methylnaphthalene	12.63	142	1201916	39.25	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	994677	39.73	ng		99
40) Hexachlorocyclopentadiene	12.97	237	676204	46.91	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	555926	38.63	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	560828	37.95	ng		94
45) 1,1'-Biphenyl	13.64	154	1705027	39.11	ng		95
46) 2-Chloronaphthalene	13.68	162	1418319	40.11	ng		96
47) 2-Nitroaniline	13.88	65	610026	40.43	ng		99
48) Acenaphthylene	14.53	152	2011215	37.91	ng		97
49) Dimethylphthalate	14.25	163	1697183	35.76	ng		97
50) 2,6-Dinitrotoluene	14.38	165	406052	38.07	ng		86
51) Acenaphthene	14.87	154	1338055	38.60	ng		96
52) 3-Nitroaniline	14.71	138	405129	38.09	ng		88
53) 2,4-Dinitrophenol	14.92	184	406234	55.51	ng		94
54) Dibenzofuran	15.20	168	1881847	36.27	ng		96
55) 4-Nitrophenol	15.02	139	308992	34.66	ng		95
56) 2,4-Dinitrotoluene	15.16	165	563320	36.23	ng		94
57) Fluorene	15.85	166	1623291	36.35	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	511280	34.58	ng		97
59) Diethylphthalate	15.61	149	1683797	34.87	ng		94
60) 4-Chlorophenyl-phenylether	15.84	204	987653	36.31	ng		96
61) 4-Nitroaniline	15.88	138	421578	36.63	ng	#	81
62) Azobenzene	16.13	77	1734766	37.56	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	373600	38.87	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1497774	40.20	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	657626	39.08	ng		96
67) Hexachlorobenzene	16.86	284	703289	38.44	ng		98
68) Atrazine	17.00	200	639243	38.68	ng		98
69) Pentachlorophenol	17.21	266	451420	38.10	ng		98
70) Phenanthrene	17.60	178	2400823	37.88	ng		94
71) Anthracene	17.70	178	2443749	38.08	ng		93
72) Carbazole	17.97	167	2126065	38.34	ng		95
73) Di-n-butylphthalate	18.51	149	2460564	39.90	ng		96
74) Fluoranthene	19.61	202	2748464	35.34	ng		93
76) Benzidine	19.79	184	1509925	37.94	ng		99
77) Pyrene	19.97	202	2843050	36.45	ng		93
79) Butylbenzylphthalate	20.85	149	1269124	41.08	ng		95
80) Benzo(a)anthracene	21.85	228	2961696	38.14	ng		95
81) 3,3'-Dichlorobenzidine	21.76	252	1306337	38.32	ng		94
82) Chrysene	21.92	228	2760633	37.90	ng		93
83) Bis(2-ethylhexyl)phthalate	21.73	149	1740150	40.56	ng		97
84) Di-n-octyl phthalate	23.00	149	2894727	40.46	ng		100
85) Indeno(1,2,3-cd)pyrene	29.14	276	3450721	37.15	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	3179636	39.03	ng	#	93
88) Benzo(k)fluoranthene	24.25	252	3033338	39.24	ng	#	93
89) Benzo(a)pyrene	25.10	252	3061613	39.21	ng	#	98
90) Dibenzo(a,h)anthracene	29.21	278	2969830	38.32	ng	#	92
91) Benzo(g,h,i)perylene	30.36	276	2862297	36.88	ng	#	97

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

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