Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024646.D
Acq On : 3 Nov 2016 10:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 03 14:21:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119147	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	465808	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	356073	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	843801	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1133998	20.00	ng		0.00
86) Perylene-d12	25.35	264	1203401	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	576604	79.32	ng		0.00
7) Phenol-d6	7.40	99	795974	79.82	ng		0.00
23) Nitrobenzene-d5	9.44	82	833246	81.44	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	446547	83.94	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1715965	80.10	ng		0.00
78) Terphenyl-d14	20.21	244	2971822	78.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	120290	40.50	ng		93
3) Pyridine	4.07	79	364856	41.03	ng		88
4) n-Nitrosodimethylamine	3.99	42	182590	39.67	ng	#	90
6) Aniline	7.59	93	490147	38.80	ng		96
8) 2-Chlorophenol	7.83	128	285892	38.68	ng		93
9) Benzaldehyde	7.40	77	238513	38.71	ng		97
10) Phenol	7.43	94	419091	40.77	ng		98
11) bis(2-Chloroethyl)ether	7.67	93	304548	39.44	ng		96
12) 1,3-Dichlorobenzene	8.16	146	353497	38.63	ng		95
13) 1,4-Dichlorobenzene	8.30	146	364759	40.36	ng		95
14) 1,2-Dichlorobenzene	8.63	146	342901	39.46	ng		99
15) Benzyl Alcohol	8.50	79	358567	38.65	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	552921	38.59	ng		96
17) 2-Methylphenol	8.70	107	262632	38.56	ng		96
18) Hexachloroethane	9.36	117	141259	40.66	ng		98
19) n-Nitroso-di-n-propylamine	9.07	70	277331	37.74	ng	#	93
20) 3+4-Methylphenols	9.03	107	371105	40.58	ng		95
22) Acetophenone	9.10	105	471720	39.42	ng	#	91
24) Nitrobenzene	9.49	77	458852	40.31	ng		99
25) Isophorone	10.00	82	741251	38.95	ng		99
26) 2-Nitrophenol	10.20	139	178239	42.19	ng		97
27) 2,4-Dimethylphenol	10.24	122	301383	40.75	ng		93
28) bis(2-Chloroethoxy)methane	10.48	93	391706	39.78	ng		96
29) 2,4-Dichlorophenol	10.73	162	316392	40.76	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	371654	40.36	ng		99
31) Naphthalene	11.15	128	940231	40.47	ng		99
32) Benzoic acid	10.36	122	148068	24.04	ng		97
33) 4-Chloroaniline	11.25	127	403472	39.99	ng	#	93
34) Hexachlorobutadiene	11.41	225	292487	40.59	ng		97
35) Caprolactam	12.02	113	119251	41.96	ng		87
36) 4-Chloro-3-methylphenol	12.34	107	387621	41.36	ng		99
37) 2-Methylnaphthalene	12.73	142	672616	39.67	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	495367	41.25	ng		96
40) Hexachlorocyclopentadiene	13.06	237	256735	37.96	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	293912	40.71	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	318703	40.83	ng		92
45) 1,1'-Biphenyl	13.72	154	984783	39.86	ng		95
46) 2-Chloronaphthalene	13.77	162	764417	40.63	ng		98
47) 2-Nitroaniline	13.97	65	321270	41.70	ng		98
48) Acenaphthylene	14.61	152	1155602	40.05	ng		98
49) Dimethylphthalate	14.33	163	1008014	39.88	ng		99
50) 2,6-Dinitrotoluene	14.45	165	224871	41.67	ng		92
51) Acenaphthene	14.95	154	781203	36.32	ng		98
52) 3-Nitroaniline	14.79	138	237179	42.47	ng		95
53) 2,4-Dinitrophenol	14.99	184	148554	37.99	ng		91
54) Dibenzofuran	15.28	168	1195102	40.19	ng		98
55) 4-Nitrophenol	15.07	139	187802	38.60	ng	#	84
56) 2,4-Dinitrotoluene	15.24	165	339188	43.25	ng	#	97
57) Fluorene	15.92	166	1005509	40.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	327575	40.48	ng	#	95
59) Diethylphthalate	15.68	149	1040185	39.25	ng		97
60) 4-Chlorophenyl-phenylether	15.91	204	569550	41.16	ng		97
61) 4-Nitroaniline	15.95	138	257062	42.14	ng		89
62) Azobenzene	16.20	77	1028125	38.90	ng		98
64) 4,6-Dinitro-2-methylphenol	15.99	198	226101	38.89	ng		92
65) n-Nitrosodiphenylamine	16.12	169	907758	39.35	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	413028	40.32	ng		97
67) Hexachlorobenzene	16.92	284	460247	40.66	ng	#	90
68) Atrazine	17.06	200	386838	39.10	ng		94
69) Pentachlorophenol	17.26	266	314504	42.11	ng		97
70) Phenanthrene	17.67	178	1713892	39.85	ng		97
71) Anthracene	17.76	178	1719003	39.62	ng		98
72) Carbazole	18.03	167	1580365	39.94	ng		98
73) Di-n-butylphthalate	18.55	149	1790574	39.24	ng		96
74) Fluoranthene	19.66	202	2212665	40.70	ng		97
76) Benzidine	19.84	184	1212648	45.39	ng		98
77) Pyrene	20.02	202	2270974	40.97	ng		99
79) Butylbenzylphthalate	20.88	149	920498	39.83	ng		98
80) Benzo(a)anthracene	21.90	228	2502715	40.17	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	1013127	40.31	ng		96
82) Chrysene	21.98	228	2393740	40.34	ng		100
83) Bis(2-ethylhexyl)phthalate	21.76	149	1294783	39.16	ng		98
84) Di-n-octyl phthalate	23.04	149	2205894	40.21	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3165396	38.65	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	2656404	40.84	ng		99
88) Benzo(k)fluoranthene	24.33	252	2502996	39.84	ng		98
89) Benzo(a)pyrene	25.19	252	2562693	40.32	ng		99
90) Dibenzo(a,h)anthracene	29.36	278	2738234	39.25	ng		98
91) Benzo(g,h,i)perylene	30.54	276	2691106	38.61	ng		99

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

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