Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021720.D
Acq On : 18 Apr 2016 1:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 18 07:12:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	39748	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	180727	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	118371	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	261639	20.00	ng		0.00
75) Chrysene-d12	21.83	240	280498	20.00	ng		0.00
86) Perylene-d12	25.16	264	276408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	185881	77.88	ng		0.00
7) Phenol-d6	7.37	99	276316	77.50	ng		0.00
23) Nitrobenzene-d5	9.38	82	267712	76.14	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	107131	83.98	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	599011	74.14	ng		0.00
78) Terphenyl-d14	20.14	244	903614	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	38017	35.78	ng		92
3) Pyridine	4.04	79	111647	35.02	ng	#	87
4) n-Nitrosodimethylamine	3.95	42	52386	33.15	ng	#	77
6) Aniline	7.54	93	174931	37.10	ng		94
8) 2-Chlorophenol	7.78	128	111332	38.91	ng		97
9) Benzaldehyde	7.35	77	71811	34.83	ng		85
10) Phenol	7.40	94	148673	38.77	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	113268	36.90	ng		92
12) 1,3-Dichlorobenzene	8.10	146	123430	38.63	ng		96
13) 1,4-Dichlorobenzene	8.25	146	127986	39.34	ng		95
14) 1,2-Dichlorobenzene	8.57	146	121699	38.99	ng		98
15) Benzyl Alcohol	8.45	79	99556	36.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.74	45	220150	33.49	ng		97
17) 2-Methylphenol	8.65	107	101750	38.38	ng		91
18) Hexachloroethane	9.31	117	47296	39.94	ng	#	75
19) n-Nitroso-di-n-propylamine	9.02	70	94375	34.07	ng	#	94
20) 3+4-Methylphenols	8.98	107	142266	39.21	ng		96
22) Acetophenone	9.04	105	188335	37.41	ng	#	95
24) Nitrobenzene	9.43	77	143107	38.01	ng		97
25) Isophorone	9.95	82	266276	34.60	ng		99
26) 2-Nitrophenol	10.14	139	64977	45.21	ng		96
27) 2,4-Dimethylphenol	10.19	122	115432	35.35	ng		99
28) bis(2-Chloroethoxy)methane	10.42	93	148291	36.26	ng		93
29) 2,4-Dichlorophenol	10.68	162	115365	41.44	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	124384	41.55	ng		93
31) Naphthalene	11.09	128	376563	38.93	ng	#	96
32) Benzoic acid	10.33	122	65782	38.03	ng		95
33) 4-Chloroaniline	11.19	127	161722	38.63	ng		99
34) Hexachlorobutadiene	11.36	225	78467	40.64	ng		98
35) Caprolactam	11.97	113	45731	35.90	ng		95
36) 4-Chloro-3-methylphenol	12.29	107	140771	40.21	ng		99
37) 2-Methylnaphthalene	12.67	142	264004	39.76	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	146853	39.70	ng		99
40) Hexachlorocyclopentadiene	13.01	237	50310	24.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	98434	41.73	ng		96
43) 2,4,5-Trichlorophenol	13.34	196	105172	41.32	ng		96
45) 1,1'-Biphenyl	13.66	154	377109	37.81	ng		96
46) 2-Chloronaphthalene	13.71	162	286156	38.81	ng		100
47) 2-Nitroaniline	13.91	65	98461	38.94	ng		94
48) Acenaphthylene	14.55	152	468337	38.42	ng		97
49) Dimethylphthalate	14.27	163	367540	35.91	ng		99
50) 2,6-Dinitrotoluene	14.39	165	81772	41.90	ng		96
51) Acenaphthene	14.89	154	306226	39.29	ng		98
52) 3-Nitroaniline	14.73	138	85302	39.41	ng		95
53) 2,4-Dinitrophenol	14.93	184	32514	46.73	ng		87
54) Dibenzofuran	15.22	168	414142	38.92	ng		99
55) 4-Nitrophenol	15.03	139	72331	39.03	ng		97
56) 2,4-Dinitrotoluene	15.18	165	115855	43.93	ng		96
57) Fluorene	15.86	166	363949	38.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	85011	40.25	ng		99
59) Diethylphthalate	15.62	149	386405	36.17	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	183658	39.23	ng		97
61) 4-Nitroaniline	15.89	138	90328	37.93	ng		97
62) Azobenzene	16.15	77	337533	36.87	ng		97
64) 4,6-Dinitro-2-methylphenol	15.93	198	54946	50.15	ng		99
65) n-Nitrosodiphenylamine	16.06	169	314732	40.11	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	116747	41.65	ng		96
67) Hexachlorobenzene	16.86	284	124161	41.96	ng		97
68) Atrazine	17.00	200	114722	37.02	ng		98
69) Pentachlorophenol	17.20	266	61691	36.52	ng		95
70) Phenanthrene	17.60	178	553152	38.36	ng		98
71) Anthracene	17.69	178	560660	38.30	ng		96
72) Carbazole	17.96	167	498786	36.51	ng		98
73) Di-n-butylphthalate	18.50	149	646791	37.22	ng		99
74) Fluoranthene	19.59	202	632363	36.72	ng		99
76) Benzidine	19.76	184	283205	32.43	ng		99
77) Pyrene	19.95	202	641675	39.67	ng		99
79) Butylbenzylphthalate	20.82	149	302201	40.25	ng		99
80) Benzo(a)anthracene	21.82	228	632477	39.18	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	500321	39.16	ng		99
82) Chrysene	21.88	228	607108	39.15	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	431649	39.31	ng	#	99
84) Di-n-octyl phthalate	22.94	149	743160	40.40	ng		98
85) Indeno(1,2,3-cd)pyrene	28.99	276	739159	40.09	ng		97
87) Benzo(b)fluoranthene	24.11	252	630910	39.34	ng		98
88) Benzo(k)fluoranthene	24.18	252	628525	40.08	ng		99
89) Benzo(a)pyrene	25.01	252	613628	39.49	ng		98
90) Dibenzo(a,h)anthracene	29.06	278	617527	39.64	ng		97
91) Benzo(g,h,i)perylene	30.19	276	590064	38.59	ng		97

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

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