Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
Data File : BG023947.D
Acq On : 6 Sep 2016 13:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 06 15:42:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31581	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	147671	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	124978	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	335969	20.00	ng		0.00
75) Chrysene-d12	21.83	240	375336	20.00	ng		-0.01
86) Perylene-d12	25.19	264	380023	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	136790	76.04	ng		0.00
7) Phenol-d6	7.25	99	211925	76.54	ng		0.00
23) Nitrobenzene-d5	9.27	82	282608	85.44	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	176915	78.57	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	666109	76.41	ng		0.00
78) Terphenyl-d14	20.13	244	1313817	79.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	27529	37.11	ng		96
3) Pyridine	3.91	79	84642	37.96	ng		93
4) n-Nitrosodimethylamine	3.82	42	55229	46.99	ng	#	80
6) Aniline	7.41	93	140690	38.28	ng		97
8) 2-Chlorophenol	7.65	128	79963	38.37	ng		99
9) Benzaldehyde	7.23	77	73277	37.24	ng		92
10) Phenol	7.28	94	107781	37.00	ng		91
11) bis(2-Chloroethyl)ether	7.50	93	81934	35.75	ng		93
12) 1,3-Dichlorobenzene	7.97	146	91583	37.55	ng		96
13) 1,4-Dichlorobenzene	8.12	146	95872	37.10	ng		93
14) 1,2-Dichlorobenzene	8.44	146	90521	37.32	ng		94
15) Benzyl Alcohol	8.34	79	94747	38.81	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.62	45	111114	36.17	ng		93
17) 2-Methylphenol	8.55	107	76945	39.21	ng		93
18) Hexachloroethane	9.18	117	38264	38.46	ng		95
19) n-Nitroso-di-n-propylamine	8.90	70	97369	39.80	ng		96
20) 3+4-Methylphenols	8.88	107	105909	38.72	ng		97
22) Acetophenone	8.92	105	156386	40.90	ng	#	99
24) Nitrobenzene	9.31	77	150275	42.25	ng		96
25) Isophorone	9.83	82	261939	40.84	ng		97
26) 2-Nitrophenol	10.03	139	55896	41.34	ng		96
27) 2,4-Dimethylphenol	10.09	122	94682	41.20	ng		93
28) bis(2-Chloroethoxy)methane	10.32	93	128298	39.61	ng		98
29) 2,4-Dichlorophenol	10.58	162	99519	40.87	ng		92
30) 1,2,4-Trichlorobenzene	10.78	180	109894	41.15	ng		99
31) Naphthalene	10.97	128	300850	39.54	ng		99
32) Benzoic acid	10.27	122	73796	39.54	ng		92
33) 4-Chloroaniline	11.10	127	135882	42.77	ng		92
34) Hexachlorobutadiene	11.24	225	86586	43.17	ng		99
35) Caprolactam	11.90	113	34194	39.85	ng		95
36) 4-Chloro-3-methylphenol	12.22	107	139005	42.73	ng		93
37) 2-Methylnaphthalene	12.58	142	243639	42.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	164216	39.59	ng		99
40) Hexachlorocyclopentadiene	12.91	237	82822	37.28	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	105451	38.09	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	108694	38.84	ng		92
45) 1,1'-Biphenyl	13.58	154	382649	38.06	ng		99
46) 2-Chloronaphthalene	13.63	162	282810	38.32	ng		99
47) 2-Nitroaniline	13.85	65	123399	42.45	ng		94
48) Acenaphthylene	14.48	152	471021	38.29	ng		96
49) Dimethylphthalate	14.20	163	408609	38.13	ng		98
50) 2,6-Dinitrotoluene	14.33	165	85589	37.83	ng	#	88
51) Acenaphthene	14.82	154	297636	39.14	ng		94
52) 3-Nitroaniline	14.68	138	89916	42.49	ng	#	77
53) 2,4-Dinitrophenol	14.90	184	53743	36.36	ng	#	88
54) Dibenzofuran	15.16	168	453921	38.24	ng		98
55) 4-Nitrophenol	15.01	139	65650	38.99	ng	#	87
56) 2,4-Dinitrotoluene	15.13	165	128670	38.69	ng	#	86
57) Fluorene	15.81	166	405063	39.35	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	110769	39.00	ng		93
59) Diethylphthalate	15.57	149	439409	38.41	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	224800	40.57	ng		95
61) 4-Nitroaniline	15.85	138	90288	42.21	ng		92
62) Azobenzene	16.09	77	457062	41.25	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	91009	39.02	ng		85
65) n-Nitrosodiphenylamine	16.01	169	377641	39.57	ng		96
66) 4-Bromophenyl-phenylether	16.69	248	171346	41.92	ng		97
67) Hexachlorobenzene	16.82	284	183210	38.22	ng		97
68) Atrazine	16.96	200	166496	40.55	ng		98
69) Pentachlorophenol	17.18	266	102583	40.29	ng		93
70) Phenanthrene	17.56	178	707084	40.46	ng		97
71) Anthracene	17.65	178	717424	40.24	ng		96
72) Carbazole	17.93	167	646430	39.96	ng		95
73) Di-n-butylphthalate	18.46	149	769498	39.87	ng		98
74) Fluoranthene	19.57	202	862135	40.97	ng		95
76) Benzidine	19.76	184	466092	40.10	ng		98
77) Pyrene	19.94	202	889969	38.55	ng		92
79) Butylbenzylphthalate	20.81	149	348069	39.11	ng		99
80) Benzo(a)anthracene	21.81	228	876357m	41.71	ng		
81) 3,3'-Dichlorobenzidine	21.72	252	362670	43.18	ng	#	98
82) Chrysene	21.88	228	822042	41.10	ng		97
83) Bis(2-ethylhexyl)phthalate	21.68	149	471086	38.66	ng		94
84) Di-n-octyl phthalate	22.93	149	805151	40.29	ng		99
85) Indeno(1,2,3-cd)pyrene	29.05	276	997548	45.05	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	881361	40.83	ng		98
88) Benzo(k)fluoranthene	24.18	252	892651	41.70	ng		97
89) Benzo(a)pyrene	25.03	252	843706	41.16	ng		98
90) Dibenzo(a,h)anthracene	29.11	278	808926	40.12	ng		99
91) Benzo(g,h,i)perylene	30.26	276	804631	41.50	ng		98

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

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