Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018647.D
Acq On : 11 Sep 2015 20:05
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 12 00:38:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	65286	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	299956	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	197440	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	523646	20.00	ng		0.00
75) Chrysene-d12	21.64	240	562037	20.00	ng		0.00
86) Perylene-d12	24.82	264	580723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	296114	78.35	ng		0.00
7) Phenol-d6	7.16	99	442602	81.68	ng		0.00
23) Nitrobenzene-d5	9.16	82	416310	77.66	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	203725	76.63	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	1078194	75.81	ng		0.00
78) Terphenyl-d14	19.98	244	1612480	75.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	60937	38.58	ng	#	100
3) Pyridine	3.87	79	212826	43.46	ng		97
4) n-Nitrosodimethylamine	3.79	42	74354	43.60	ng		87
6) Aniline	7.33	93	332177	44.48	ng		98
8) 2-Chlorophenol	7.57	128	189897	43.52	ng		97
9) Benzaldehyde	7.14	77	117811	40.38	ng		94
10) Phenol	7.19	94	254922	44.53	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	193564	43.63	ng		97
12) 1,3-Dichlorobenzene	7.89	146	216374	42.61	ng		93
13) 1,4-Dichlorobenzene	8.04	146	215754	42.37	ng		98
14) 1,2-Dichlorobenzene	8.36	146	211230	43.45	ng		98
15) Benzyl Alcohol	8.24	79	178576	45.72	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	221149	43.90	ng		99
17) 2-Methylphenol	8.45	107	178859	44.97	ng		94
18) Hexachloroethane	9.09	117	76341	41.93	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	173359	45.42	ng		99
20) 3+4-Methylphenols	8.77	107	260048	46.56	ng		96
22) Acetophenone	8.82	105	290392	38.21	ng	#	97
24) Nitrobenzene	9.21	77	244880	43.02	ng		99
25) Isophorone	9.73	82	490941	42.58	ng		98
26) 2-Nitrophenol	9.92	139	119156	44.87	ng		96
27) 2,4-Dimethylphenol	9.98	122	212119	43.99	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	286598	43.30	ng		99
29) 2,4-Dichlorophenol	10.45	162	214578	44.03	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	227266	42.08	ng		94
31) Naphthalene	10.86	128	679614	42.31	ng		99
32) Benzoic acid	10.11	122	143039	37.76	ng		96
33) 4-Chloroaniline	10.97	127	315994	43.47	ng		98
34) Hexachlorobutadiene	11.15	225	132740	41.69	ng		96
35) Caprolactam	11.74	113	82731	39.49	ng		98
36) 4-Chloro-3-methylphenol	12.09	107	236712	43.54	ng		94
37) 2-Methylnaphthalene	12.46	142	503978	42.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	242074	38.66	ng		100
40) Hexachlorocyclopentadiene	12.81	237	139937	44.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	194752	44.91	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	206625	43.43	ng		97
45) 1,1'-Biphenyl	13.47	154	612736	39.03	ng		99
46) 2-Chloronaphthalene	13.51	162	519108	42.91	ng		99
47) 2-Nitroaniline	13.71	65	165697	45.52	ng		92
48) Acenaphthylene	14.36	152	920586	43.05	ng		99
49) Dimethylphthalate	14.09	163	698849	42.74	ng		99
50) 2,6-Dinitrotoluene	14.20	165	156803	44.14	ng		95
51) Acenaphthene	14.70	154	558596	44.90	ng		99
52) 3-Nitroaniline	14.53	138	187499	44.17	ng		92
53) 2,4-Dinitrophenol	14.74	184	65904	40.80	ng		96
54) Dibenzofuran	15.03	168	821527	42.49	ng		99
55) 4-Nitrophenol	14.84	139	148024	45.17	ng		96
56) 2,4-Dinitrotoluene	14.99	165	225373	44.74	ng		98
57) Fluorene	15.68	166	706448	42.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	189260	42.42	ng		99
59) Diethylphthalate	15.45	149	715224	41.94	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	342213	42.79	ng		96
61) 4-Nitroaniline	15.70	138	201585	44.05	ng		99
62) Azobenzene	15.96	77	643337	42.69	ng		98
64) 4,6-Dinitro-2-methylphenol	15.75	198	112391	40.75	ng		92
65) n-Nitrosodiphenylamine	15.88	169	632493	41.70	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	226362	42.50	ng		98
67) Hexachlorobenzene	16.68	284	243979	42.17	ng		99
68) Atrazine	16.83	200	229868	38.12	ng		99
69) Pentachlorophenol	17.03	266	163978	45.95	ng		98
70) Phenanthrene	17.42	178	1134986	41.21	ng		98
71) Anthracene	17.51	178	1167642	41.87	ng		99
72) Carbazole	17.78	167	1141999	42.31	ng		99
73) Di-n-butylphthalate	18.33	149	1370196	43.04	ng		99
74) Fluoranthene	19.43	202	1428334	41.87	ng		98
76) Benzidine	19.60	184	662802	39.27	ng		99
77) Pyrene	19.78	202	1442994	41.78	ng		98
79) Butylbenzylphthalate	20.67	149	611832	43.57	ng		97
80) Benzo(a)anthracene	21.62	228	1358610	41.99	ng		97
81) 3,3'-Dichlorobenzidine	21.53	252	481139	39.14	ng		99
82) Chrysene	21.68	228	1289110	42.31	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	881206	43.50	ng		100
84) Di-n-octyl phthalate	22.72	149	1499132	43.76	ng		97
85) Indeno(1,2,3-cd)pyrene	28.47	276	1688045	43.63	ng	#	100
87) Benzo(b)fluoranthene	23.82	252	1429961	42.46	ng		99
88) Benzo(k)fluoranthene	23.88	252	1397433	41.42	ng		99
89) Benzo(a)pyrene	24.68	252	1366565	42.65	ng		98
90) Dibenzo(a,h)anthracene	28.53	278	1351408	42.83	ng		98
91) Benzo(g,h,i)perylene	29.60	276	1362848	42.42	ng		97

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

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