Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030524.D
Acq On : 28 Oct 2017 12:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 30 06:41:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	67151	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	317370	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	207644	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	486493	20.00	ng		0.00
75) Chrysene-d12	21.80	240	510475	20.00	ng		0.00
86) Perylene-d12	25.10	264	519101	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	326959	81.34	ng		0.00
7) Phenol-d6	7.32	99	449099	79.60	ng		0.00
23) Nitrobenzene-d5	9.33	82	413482	82.79	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	233105	86.95	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1113885	78.68	ng		0.00
78) Terphenyl-d14	20.11	244	1679524	74.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	68223	41.831	ng		86
3) Pyridine	3.99	79	205182	43.201	ng		90
4) n-Nitrosodimethylamine	3.90	42	89017	40.096	ng	#	95
6) Aniline	7.48	93	287231	41.111	ng		95
8) 2-Chlorophenol	7.73	128	172220	37.378	ng		91
9) Benzaldehyde	7.29	77	135964	47.909	ng		91
10) Phenol	7.35	94	229006	37.648	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	181781	41.017	ng		91
12) 1,3-Dichlorobenzene	8.05	146	196197	37.928	ng		97
13) 1,4-Dichlorobenzene	8.20	146	199623	37.798	ng		97
14) 1,2-Dichlorobenzene	8.52	146	192659	37.820	ng		96
15) Benzyl Alcohol	8.40	79	170477	42.875	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.69	45	209122	27.785	ng		96
17) 2-Methylphenol	8.61	107	157278	38.922	ng		96
18) Hexachloroethane	9.26	117	70029	38.909	ng		99
19) n-Nitroso-di-n-propylamine	8.97	70	168141	43.827	ng	#	96
20) 3+4-Methylphenols	8.93	107	224518	39.433	ng		93
22) Acetophenone	8.99	105	314271	41.089	ng	#	93
24) Nitrobenzene	9.37	77	212041	37.761	ng		90
25) Isophorone	9.90	82	421608	40.438	ng	#	94
26) 2-Nitrophenol	10.09	139	111118	41.403	ng		90
27) 2,4-Dimethylphenol	10.14	122	168819	34.767	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	265393	41.512	ng	#	95
29) 2,4-Dichlorophenol	10.63	162	199707	38.568	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	218989	39.146	ng		97
31) Naphthalene	11.04	128	598794	37.857	ng		99
32) Benzoic acid	10.27	122	146911	36.134	ng	#	84
33) 4-Chloroaniline	11.14	127	273974	41.178	ng		94
34) Hexachlorobutadiene	11.31	225	143968	41.392	ng		98
35) Caprolactam	11.91	113	75579	43.918	ng	#	85
36) 4-Chloro-3-methylphenol	12.25	107	215030	37.757	ng	#	87
37) 2-Methylnaphthalene	12.62	142	461791	40.059	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	297671	39.265	ng		98
40) Hexachlorocyclopentadiene	12.97	237	135750	49.175	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	182546	38.357	ng		100
43) 2,4,5-Trichlorophenol	13.30	196	196939	40.294	ng		95
45) 1,1'-Biphenyl	13.62	154	679723	38.084	ng		97
46) 2-Chloronaphthalene	13.67	162	483172	37.115	ng		97
47) 2-Nitroaniline	13.86	65	147429	41.230	ng	#	83
48) Acenaphthylene	14.51	152	806342	39.576	ng		99
49) Dimethylphthalate	14.23	163	669057	41.297	ng		99
50) 2,6-Dinitrotoluene	14.35	165	142205	41.872	ng	#	81
51) Acenaphthene	14.85	154	496998	37.492	ng		98
52) 3-Nitroaniline	14.68	138	152295	41.557	ng	#	81
53) 2,4-Dinitrophenol	14.89	184	72283	42.078	ng	#	50
54) Dibenzofuran	15.18	168	769067	40.639	ng		99
55) 4-Nitrophenol	14.99	139	111212	36.809	ng	#	79
56) 2,4-Dinitrotoluene	15.14	165	194786	42.368	ng	#	76
57) Fluorene	15.83	166	608509	38.924	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	174605	42.820	ng		93
59) Diethylphthalate	15.59	149	663131	41.071	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	355220	42.617	ng		94
61) 4-Nitroaniline	15.84	138	153281	40.733	ng		85
62) Azobenzene	16.10	77	547442	40.208	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	117624	43.088	ng		84
65) n-Nitrosodiphenylamine	16.03	169	580521	39.834	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	222372	39.834	ng		98
67) Hexachlorobenzene	16.83	284	239115	37.815	ng		97
68) Atrazine	16.97	200	219489	42.210	ng		99
69) Pentachlorophenol	17.17	266	152877	42.086	ng		99
70) Phenanthrene	17.57	178	968362	38.530	ng		98
71) Anthracene	17.66	178	964507	38.219	ng		99
72) Carbazole	17.92	167	899128	37.089	ng		100
73) Di-n-butylphthalate	18.46	149	1087769	39.014	ng		100
74) Fluoranthene	19.56	202	1160311	39.472	ng		97
76) Benzidine	19.73	184	631322	40.960	ng		97
77) Pyrene	19.92	202	1186011	38.300	ng		96
79) Butylbenzylphthalate	20.79	149	512143	38.819	ng		88
80) Benzo(a)anthracene	21.78	228	1189018	39.672	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	500538	40.462	ng		98
82) Chrysene	21.84	228	1113866	38.807	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	716513	37.843	ng		99
84) Di-n-octyl phthalate	22.90	149	1225543	37.139	ng		96
85) Indeno(1,2,3-cd)pyrene	28.90	276	1400744	39.668	ng		98
87) Benzo(b)fluoranthene	24.05	252	1195398	40.224	ng		100
88) Benzo(k)fluoranthene	24.13	252	1191724	40.250	ng		99
89) Benzo(a)pyrene	24.95	252	1135242	39.735	ng		99
90) Dibenzo(a,h)anthracene	28.96	278	1196089	41.352	ng		99
91) Benzo(g,h,i)perylene	30.09	276	1145462	42.622	ng		98

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

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