Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030717.D
Acq On : 4 Nov 2017 1:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:48 PM

Quant Time: Nov 04 01:39:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	63748	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	314338	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	207353	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	492403	20.00	ng		0.00
75) Chrysene-d12	21.78	240	526072	20.00	ng		0.00
86) Perylene-d12	25.08	264	546475	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	311352	81.59	ng		0.00
7) Phenol-d6	7.31	99	449335	83.89	ng		0.00
23) Nitrobenzene-d5	9.32	82	419047	84.72	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	231857	86.61	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1126621	79.69	ng		0.00
78) Terphenyl-d14	20.10	244	1787604	77.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	60630	39.160	ng		85
3) Pyridine	3.97	79	187851	41.664	ng		88
4) n-Nitrosodimethylamine	3.89	42	82253	39.027	ng	#	96
6) Aniline	7.47	93	282390	42.576	ng		95
8) 2-Chlorophenol	7.72	128	173814	39.738	ng		89
9) Benzaldehyde	7.28	77	127960	47.496	ng		89
10) Phenol	7.34	94	226286	39.186	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	178483	42.423	ng		90
12) 1,3-Dichlorobenzene	8.05	146	197252m	40.168	ng		
13) 1,4-Dichlorobenzene	8.19	146	201147	40.119	ng		92
14) 1,2-Dichlorobenzene	8.51	146	194775	40.277	ng		98
15) Benzyl Alcohol	8.39	79	167310	44.324	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.67	45	244148m	34.170	ng		
17) 2-Methylphenol	8.59	107	154932	40.389	ng		95
18) Hexachloroethane	9.24	117	68547	40.119	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	161072	44.226	ng	#	96
20) 3+4-Methylphenols	8.92	107	227674	42.122	ng		96
22) Acetophenone	8.97	105	306843	40.505	ng	#	94
24) Nitrobenzene	9.36	77	213833	38.447	ng		90
25) Isophorone	9.88	82	396316	38.379	ng		95
26) 2-Nitrophenol	10.07	139	107093	40.288	ng		90
27) 2,4-Dimethylphenol	10.13	122	167220	34.770	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	261389	41.280	ng		95
29) 2,4-Dichlorophenol	10.61	162	201537	39.297	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	225034	40.615	ng		98
31) Naphthalene	11.02	128	610358	38.961	ng		99
32) Benzoic acid	10.27	122	152735	37.928	ng	#	84
33) 4-Chloroaniline	11.12	127	272056	41.284	ng		94
34) Hexachlorobutadiene	11.30	225	144825	42.040	ng		97
35) Caprolactam	11.89	113	70233	41.206	ng	#	81
36) 4-Chloro-3-methylphenol	12.23	107	214350	38.001	ng	#	90
37) 2-Methylnaphthalene	12.61	142	467487	40.944	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	307912	40.673	ng		97
40) Hexachlorocyclopentadiene	12.95	237	120503	44.231	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	176341	37.106	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	199613	40.899	ng		94
45) 1,1'-Biphenyl	13.60	154	686568	38.522	ng		96
46) 2-Chloronaphthalene	13.65	162	496914	38.224	ng		96
47) 2-Nitroaniline	13.85	65	145016	40.612	ng	#	80
48) Acenaphthylene	14.49	152	811318	39.877	ng		97
49) Dimethylphthalate	14.22	163	656154	40.558	ng		99
50) 2,6-Dinitrotoluene	14.34	165	142056	41.886	ng	#	82
51) Acenaphthene	14.83	154	512039	38.680	ng		99
52) 3-Nitroaniline	14.67	138	154059	42.097	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	60528	36.355	ng	#	51
54) Dibenzofuran	15.17	168	791573	41.887	ng		100
55) 4-Nitrophenol	14.97	139	114497	37.949	ng	#	77
56) 2,4-Dinitrotoluene	15.13	165	201066	43.795	ng	#	79
57) Fluorene	15.81	166	623222	39.921	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	177221	43.523	ng		94
59) Diethylphthalate	15.57	149	653241	40.516	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	359803	43.227	ng		94
61) 4-Nitroaniline	15.83	138	159241	42.376	ng		82
62) Azobenzene	16.09	77	557793	41.026	ng		97
64) 4,6-Dinitro-2-methylphenol	15.89	198	114858	41.746	ng		83
65) n-Nitrosodiphenylamine	16.01	169	595203	40.352	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	227163	40.204	ng		98
67) Hexachlorobenzene	16.82	284	249804	39.031	ng		95
68) Atrazine	16.95	200	222789	42.330	ng		98
69) Pentachlorophenol	17.16	266	154912	42.135	ng		99
70) Phenanthrene	17.55	178	1008495	39.646	ng		97
71) Anthracene	17.64	178	1009744	39.532	ng		99
72) Carbazole	17.91	167	944051	38.475	ng		99
73) Di-n-butylphthalate	18.45	149	1117316	39.593	ng		99
74) Fluoranthene	19.55	202	1231759	41.400	ng		97
76) Benzidine	19.72	184	631146	39.735	ng		97
77) Pyrene	19.91	202	1255258	39.334	ng		96
79) Butylbenzylphthalate	20.78	149	522240	38.411	ng		86
80) Benzo(a)anthracene	21.76	228	1257325	40.707	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	513539	40.282	ng		99
82) Chrysene	21.83	228	1176740	39.782	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	733837	37.609	ng		100
84) Di-n-octyl phthalate	22.88	149	1243170	36.557	ng		95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1495147	41.086	ng		98
87) Benzo(b)fluoranthene	24.03	252	1265684	40.455	ng		99
88) Benzo(k)fluoranthene	24.10	252	1276102	40.941	ng		97
89) Benzo(a)pyrene	24.93	252	1210963	40.262	ng		98
90) Dibenzo(a,h)anthracene	28.93	278	1266842	41.604	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1220235	43.130	ng		98

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

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