Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025534.D
Acq On : 20 Jan 2017 11:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:26 PM

Quant Time: Jan 20 13:34:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54043	20.00	ng		-0.02
21) Naphthalene-d8	11.01	136	273256	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	237821	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	552140	20.00	ng		-0.02
75) Chrysene-d12	21.85	240	694156	20.00	ng		-0.02
86) Perylene-d12	25.23	264	732760	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	266317	89.57	ng		-0.02
7) Phenol-d6	7.34	99	398156	95.09	ng		-0.02
23) Nitrobenzene-d5	9.36	82	513597	83.03	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	296933	77.55	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1155866	78.69	ng		-0.02
78) Terphenyl-d14	20.14	244	2106745	80.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	53653	42.29	ng		91
3) Pyridine	3.97	79	169431	46.07	ng		92
4) n-Nitrosodimethylamine	3.89	42	110004	50.40	ng	#	99
6) Aniline	7.50	93	274907	48.45	ng		99
8) 2-Chlorophenol	7.75	128	153570	45.79	ng		99
9) Benzaldehyde	7.32	77	126664	41.34	ng		94
10) Phenol	7.37	94	221467m	47.71	ng		
11) bis(2-Chloroethyl)ether	7.59	93	159027	44.46	ng		95
12) 1,3-Dichlorobenzene	8.06	146	180331	44.43	ng		99
13) 1,4-Dichlorobenzene	8.22	146	187757	44.64	ng		98
14) 1,2-Dichlorobenzene	8.54	146	171532	42.73	ng		99
15) Benzyl Alcohol	8.43	79	207567	51.92	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	336153	50.75	ng		94
17) 2-Methylphenol	8.63	107	148735	48.79	ng		97
18) Hexachloroethane	9.26	117	72184	44.68	ng	#	87
19) n-Nitroso-di-n-propylamine	8.99	70	182801	51.68	ng	#	94
20) 3+4-Methylphenols	8.96	107	205886	48.80	ng		94
22) Acetophenone	9.02	105	308402	40.62	ng	#	98
24) Nitrobenzene	9.41	77	283581	41.80	ng		97
25) Isophorone	9.92	82	498844	44.54	ng		95
26) 2-Nitrophenol	10.12	139	103612	39.93	ng		91
27) 2,4-Dimethylphenol	10.17	122	167695	39.31	ng		88
28) bis(2-Chloroethoxy)methane	10.40	93	238244	40.96	ng		96
29) 2,4-Dichlorophenol	10.67	162	187117	40.99	ng		97
30) 1,2,4-Trichlorobenzene	10.87	180	212702	38.57	ng		97
31) Naphthalene	11.05	128	558565	40.93	ng		99
32) Benzoic acid	10.33	122	129803	37.84	ng		94
33) 4-Chloroaniline	11.18	127	254295	44.31	ng		97
34) Hexachlorobutadiene	11.31	225	169764	37.71	ng		97
35) Caprolactam	11.96	113	70342	41.01	ng		93
36) 4-Chloro-3-methylphenol	12.29	107	239963	42.59	ng		98
37) 2-Methylnaphthalene	12.65	142	435887	43.10	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	301816	38.44	ng		98
40) Hexachlorocyclopentadiene	12.98	237	102859	40.56	ng		98

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Quant Time: Jan 20 13:34:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	194556	39.35	ng		97
43) 2,4,5-Trichlorophenol	13.34	196	196822	38.03	ng		98
45) 1,1'-Biphenyl	13.65	154	641157	40.08	ng		96
46) 2-Chloronaphthalene	13.70	162	503415	40.28	ng		98
47) 2-Nitroaniline	13.92	65	236914	44.91	ng		92
48) Acenaphthylene	14.54	152	782148	40.38	ng		98
49) Dimethylphthalate	14.26	163	713726	41.17	ng		97
50) 2,6-Dinitrotoluene	14.40	165	157147	41.49	ng		98
51) Acenaphthene	14.87	154	524013	41.36	ng		97
52) 3-Nitroaniline	14.74	138	155752	42.77	ng		93
53) 2,4-Dinitrophenol	14.96	184	88130	38.31	ng	#	89
54) Dibenzofuran	15.21	168	819795	40.93	ng		98
55) 4-Nitrophenol	15.06	139	106203	39.05	ng		96
56) 2,4-Dinitrotoluene	15.19	165	233668	42.37	ng	#	86
57) Fluorene	15.85	166	693213	41.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	212377	38.31	ng		95
59) Diethylphthalate	15.60	149	757990	41.69	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	390581	41.10	ng		94
61) 4-Nitroaniline	15.90	138	151658	41.39	ng	#	78
62) Azobenzene	16.13	77	763675	43.55	ng		99
64) 4,6-Dinitro-2-methylphenol	15.95	198	159121	41.61	ng	#	76
65) n-Nitrosodiphenylamine	16.05	169	614188	41.15	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	277201	40.69	ng		96
67) Hexachlorobenzene	16.86	284	310941	39.78	ng		95
68) Atrazine	16.99	200	224480	34.33	ng		96
69) Pentachlorophenol	17.21	266	141906	35.02	ng		97
70) Phenanthrene	17.60	178	1169355	41.10	ng		94
71) Anthracene	17.69	178	1206382	41.73	ng		100
72) Carbazole	17.97	167	1046231	40.46	ng		97
73) Di-n-butylphthalate	18.48	149	1281949	40.29	ng		96
74) Fluoranthene	19.60	202	1507462	40.11	ng		95
76) Benzidine	19.78	184	585279	33.80	ng		98
77) Pyrene	19.96	202	1536892	42.36	ng		98
79) Butylbenzylphthalate	20.81	149	601253	41.28	ng		97
80) Benzo(a)anthracene	21.82	228	1582979	40.88	ng		95
81) 3,3'-Dichlorobenzidine	21.73	252	600975	39.96	ng		97
82) Chrysene	21.89	228	1536450	41.38	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	827844	40.84	ng		97
84) Di-n-octyl phthalate	22.92	149	1402905	41.68	ng		97
85) Indeno(1,2,3-cd)pyrene	29.13	276	1943065	41.17	ng		99
87) Benzo(b)fluoranthene	24.14	252	1629388	40.75	ng		97
88) Benzo(k)fluoranthene	24.22	252	1596352m	41.35	ng		
89) Benzo(a)pyrene	25.07	252	1580356	40.93	ng		99
90) Dibenzo(a,h)anthracene	29.19	278	1665641	40.70	ng		97
91) Benzo(g,h,i)perylene	30.36	276	1652131	40.62	ng		97

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

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