Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031335.D
Acq On : 2 Dec 2017 2:32
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/4/2017 12:00:10 PM

Quant Time: Dec 02 04:54:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	70549	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	314159	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	212346	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	524915	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	574065	20.00	ng		-0.02
86) Perylene-d12	25.06	264	585542	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	334997	81.42	ng		-0.02
7) Phenol-d6	7.30	99	451087	81.38	ng		-0.01
23) Nitrobenzene-d5	9.30	82	411983	77.71	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	226761	66.01	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1153827	78.08	ng		-0.02
78) Terphenyl-d14	20.08	244	1958195	75.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	68691	41.14	ng	#	80
3) Pyridine	3.95	79	200019	41.27	ng		86
4) n-Nitrosodimethylamine	3.86	42	85438	37.19	ng	#	81
6) Aniline	7.45	93	287064	39.35	ng		93
8) 2-Chlorophenol	7.69	128	184530	40.64	ng		90
9) Benzaldehyde	7.26	77	130865	33.74	ng		88
10) Phenol	7.32	94	230155	39.98	ng		92
11) bis(2-Chloroethyl)ether	7.54	93	185614	40.39	ng		88
12) 1,3-Dichlorobenzene	8.02	146	214861	40.33	ng		96
13) 1,4-Dichlorobenzene	8.16	146	219752	40.71	ng		94
14) 1,2-Dichlorobenzene	8.48	146	211345	40.79	ng		99
15) Benzyl Alcohol	8.36	79	164944	37.10	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	181354	35.72	ng		92
17) 2-Methylphenol	8.58	107	157314	39.25	ng		98
18) Hexachloroethane	9.21	117	74747	39.79	ng		87
19) n-Nitroso-di-n-propylamine	8.93	70	153405	36.40	ng	#	93
20) 3+4-Methylphenols	8.91	107	226227	39.69	ng		94
22) Acetophenone	8.95	105	310515	39.70	ng	#	92
24) Nitrobenzene	9.34	77	212010	39.15	ng		90
25) Isophorone	9.86	82	383678	37.11	ng	#	92
26) 2-Nitrophenol	10.06	139	115143	40.79	ng	#	85
27) 2,4-Dimethylphenol	10.11	122	169144	40.36	ng		91
28) bis(2-Chloroethoxy)methane	10.33	93	257493	39.54	ng		98
29) 2,4-Dichlorophenol	10.60	162	209161	41.56	ng		89
30) 1,2,4-Trichlorobenzene	10.80	180	246841	41.08	ng		97
31) Naphthalene	10.99	128	613477	39.72	ng		99
32) Benzoic acid	10.28	122	108510	33.08	ng		85
33) 4-Chloroaniline	11.10	127	271525	40.16	ng		94
34) Hexachlorobutadiene	11.27	225	163983	39.35	ng		96
35) Caprolactam	11.88	113	71056	34.56	ng	#	69
36) 4-Chloro-3-methylphenol	12.22	107	210409	38.42	ng	#	84
37) 2-Methylnaphthalene	12.59	142	477223	40.03	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	338351	40.15	ng		97
40) Hexachlorocyclopentadiene	12.93	237	105751	40.06	ng		90

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	192809	40.02	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	205986	39.08	ng	#	94
45) 1,1'-Biphenyl	13.59	154	700040	39.76	ng		97
46) 2-Chloronaphthalene	13.64	162	518702	40.83	ng		95
47) 2-Nitroaniline	13.84	65	140734	37.37	ng	#	77
48) Acenaphthylene	14.48	152	831419	39.98	ng		99
49) Dimethylphthalate	14.20	163	708870	38.61	ng		99
50) 2,6-Dinitrotoluene	14.32	165	155018	40.96	ng	#	76
51) Acenaphthene	14.82	154	520225	40.06	ng		98
52) 3-Nitroaniline	14.66	138	155786	38.77	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	58797m	32.04	ng		
54) Dibenzofuran	15.15	168	822666	39.77	ng		100
55) 4-Nitrophenol	14.99	139	103487	36.15	ng	#	75
56) 2,4-Dinitrotoluene	15.12	165	221753	40.53	ng	#	72
57) Fluorene	15.80	166	663171	39.49	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	196220	39.06	ng	#	88
59) Diethylphthalate	15.55	149	704282	37.76	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	404227	39.86	ng		90
61) 4-Nitroaniline	15.82	138	168126	39.51	ng		86
62) Azobenzene	16.07	77	541294	38.06	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	135638	38.88	ng	#	77
65) n-Nitrosodiphenylamine	16.00	169	646447	40.64	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	258665	38.91	ng		97
67) Hexachlorobenzene	16.80	284	268803	38.05	ng		94
68) Atrazine	16.94	200	244638	37.28	ng		98
69) Pentachlorophenol	17.15	266	133808	34.27	ng		98
70) Phenanthrene	17.54	178	1091430	39.93	ng		98
71) Anthracene	17.62	178	1099149	40.14	ng		98
72) Carbazole	17.89	167	1018840	39.71	ng		98
73) Di-n-butylphthalate	18.43	149	1199662	38.08	ng		99
74) Fluoranthene	19.53	202	1387990	40.11	ng		98
76) Benzidine	19.70	184	639084	34.66	ng		98
77) Pyrene	19.90	202	1423106	41.78	ng		97
79) Butylbenzylphthalate	20.76	149	562462	41.41	ng		86
80) Benzo(a)anthracene	21.74	228	1427343	40.03	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	556942	38.69	ng		97
82) Chrysene	21.81	228	1340402	40.64	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	793136	40.45	ng		99
84) Di-n-octyl phthalate	22.85	149	1330835	41.70	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1577228	39.33	ng		98
87) Benzo(b)fluoranthene	24.01	252	1445082	40.80	ng		98
88) Benzo(k)fluoranthene	24.08	252	1401660	39.92	ng		97
89) Benzo(a)pyrene	24.90	252	1366278	40.61	ng		99
90) Dibenzo(a,h)anthracene	28.89	278	1344634	39.10	ng		98
91) Benzo(g,h,i)perylene	30.03	276	1305199	39.10	ng		97

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

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