Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023879.D
Acq On : 24 Aug 2016 7:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
8/24/2016 6:13:44 PM

Quant Time: Aug 24 08:05:45 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	110495	20.00	ng		-0.03
21) Naphthalene-d8	10.92	136	478045	20.00	ng		-0.03
38) Acenaphthene-d10	14.77	164	312496	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	732615	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	769500	20.00	ng		-0.02
86) Perylene-d12	25.21	264	775980	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	508458	77.46	ng		-0.03
7) Phenol-d6	7.25	99	750843	73.44	ng		-0.03
23) Nitrobenzene-d5	9.27	82	798350	83.03	ng		-0.03
41) 2,4,6-Tribromophenol	16.26	330	310223	67.87	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	1553376	83.84	ng		-0.02
78) Terphenyl-d14	20.14	244	2133207	87.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	111745	39.96	ng	#	92
3) Pyridine	3.90	79	343001	37.32	ng		93
4) n-Nitrosodimethylamine	3.82	42	156403	45.90	ng	#	96
6) Aniline	7.41	93	495646	33.55	ng		97
8) 2-Chlorophenol	7.65	128	294764	39.09	ng		98
9) Benzaldehyde	7.22	77	268552	48.98	ng		90
10) Phenol	7.28	94	411430	37.62	ng		87
11) bis(2-Chloroethyl)ether	7.50	93	325330	37.29	ng		92
12) 1,3-Dichlorobenzene	7.98	146	349431	40.47	ng		94
13) 1,4-Dichlorobenzene	8.13	146	354540	40.11	ng		96
14) 1,2-Dichlorobenzene	8.45	146	334648	38.60	ng	#	92
15) Benzyl Alcohol	8.33	79	316588	40.87	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	491300	38.29	ng		89
17) 2-Methylphenol	8.54	107	273307	37.27	ng	#	88
18) Hexachloroethane	9.18	117	139716	42.00	ng		89
19) n-Nitroso-di-n-propylamine	8.90	70	308745	35.11	ng		99
20) 3+4-Methylphenols	8.87	107	377558	36.52	ng		91
22) Acetophenone	8.92	105	510749	39.02	ng	#	92
24) Nitrobenzene	9.31	77	464921	43.66	ng	#	89
25) Isophorone	9.83	82	806331	40.26	ng	#	95
26) 2-Nitrophenol	10.03	139	184854	41.13	ng	#	83
27) 2,4-Dimethylphenol	10.08	122	303253	39.63	ng		89
28) bis(2-Chloroethoxy)methane	10.32	93	428265	35.57	ng		99
29) 2,4-Dichlorophenol	10.58	162	311447	40.48	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	340769	41.07	ng		99
31) Naphthalene	10.98	128	969435	39.82	ng		100
32) Benzoic acid	10.25	122	226397	34.27	ng		93
33) 4-Chloroaniline	11.09	127	402144	34.56	ng		95
34) Hexachlorobutadiene	11.25	225	229182	42.00	ng		96
35) Caprolactam	11.88	113	108756	33.60	ng		98
36) 4-Chloro-3-methylphenol	12.22	107	380604	37.65	ng		91
37) 2-Methylnaphthalene	12.58	142	703742m	38.03	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	464950	41.03	ng		99
40) Hexachlorocyclopentadiene	12.92	237	169599	29.68	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	269399	39.91	ng		95
43) 2,4,5-Trichlorophenol	13.27	196	270166	38.88	ng		96
45) 1,1'-Biphenyl	13.59	154	956240	40.03	ng		97
46) 2-Chloronaphthalene	13.64	162	745921	40.36	ng		97
47) 2-Nitroaniline	13.85	65	305917	39.87	ng		91
48) Acenaphthylene	14.48	152	1191615	40.79	ng		99
49) Dimethylphthalate	14.21	163	981161	40.92	ng		98
50) 2,6-Dinitrotoluene	14.34	165	221358	38.98	ng		86
51) Acenaphthene	14.82	154	752290	40.65	ng		99
52) 3-Nitroaniline	14.68	138	224998	35.14	ng	#	79
53) 2,4-Dinitrophenol	14.90	184	127286	34.97	ng		93
54) Dibenzofuran	15.17	168	1075474	40.03	ng		96
55) 4-Nitrophenol	15.00	139	169842	33.77	ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	316853	39.76	ng		98
57) Fluorene	15.82	166	951109	40.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	236475	37.08	ng		93
59) Diethylphthalate	15.57	149	1007137	41.38	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	490262	39.51	ng		99
61) 4-Nitroaniline	15.85	138	248474	36.45	ng	#	65
62) Azobenzene	16.09	77	1013087	41.07	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	167884	33.70	ng		90
65) n-Nitrosodiphenylamine	16.02	169	844444	39.30	ng		97
66) 4-Bromophenyl-phenylether	16.70	248	335857	39.33	ng		99
67) Hexachlorobenzene	16.83	284	357571	38.28	ng		95
68) Atrazine	16.97	200	329059	39.88	ng		95
69) Pentachlorophenol	17.18	266	170752	31.35	ng		95
70) Phenanthrene	17.57	178	1512968	40.70	ng		98
71) Anthracene	17.66	178	1542445	41.25	ng		99
72) Carbazole	17.94	167	1395945	42.52	ng		99
73) Di-n-butylphthalate	18.47	149	1683432	51.71	ng		97
74) Fluoranthene	19.58	202	1754659	51.42	ng		97
76) Benzidine	19.76	184	869710	40.66	ng		98
77) Pyrene	19.94	202	1784048	39.95	ng		97
79) Butylbenzylphthalate	20.82	149	810662	43.75	ng		95
80) Benzo(a)anthracene	21.82	228	1716047	40.40	ng		97
81) 3,3'-Dichlorobenzidine	21.73	252	655289	37.61	ng	#	97
82) Chrysene	21.89	228	1641066	40.61	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	1115308	43.96	ng		99
84) Di-n-octyl phthalate	22.95	149	1892159	43.69	ng		100
85) Indeno(1,2,3-cd)pyrene	29.09	276	2015044	39.90	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1743330	39.93	ng	#	98
88) Benzo(k)fluoranthene	24.21	252	1681027	40.09	ng	#	98
89) Benzo(a)pyrene	25.05	252	1681050	40.49	ng	#	95
90) Dibenzo(a,h)anthracene	29.15	278	1690455	39.85	ng	#	96
91) Benzo(g,h,i)perylene	30.30	276	1651393	38.66	ng	#	89

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

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