Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022678.D
Acq On : 28 Jun 2016 16:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 29 13:21:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	128520	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	526174	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	380979	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1000554	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1144468	20.00	ng		0.00
86) Perylene-d12	25.21	264	1177948	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	609257	76.04	ng		0.00
7) Phenol-d6	7.31	99	916991	81.19	ng		0.00
23) Nitrobenzene-d5	9.33	82	997043	80.20	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	528819	88.25	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1959201	81.55	ng		0.00
78) Terphenyl-d14	20.16	244	2927491	67.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	126126	38.84	ng	#	93
3) Pyridine	3.99	79	415685	45.76	ng		97
4) n-Nitrosodimethylamine	3.90	42	168365	32.40	ng	#	71
6) Aniline	7.48	93	635149	42.42	ng		96
8) 2-Chlorophenol	7.72	128	333005	40.12	ng		95
9) Benzaldehyde	7.29	77	183565	46.18	ng		93
10) Phenol	7.34	94	489916	41.04	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	372175	37.87	ng		99
12) 1,3-Dichlorobenzene	8.05	146	382005	37.82	ng		98
13) 1,4-Dichlorobenzene	8.20	146	382289	37.75	ng		98
14) 1,2-Dichlorobenzene	8.52	146	367134	38.13	ng		96
15) Benzyl Alcohol	8.39	79	446443	42.72	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	407606	37.50	ng		98
17) 2-Methylphenol	8.60	107	316217	40.19	ng		96
18) Hexachloroethane	9.26	117	157041	37.47	ng		94
19) n-Nitroso-di-n-propylamine	8.97	70	363292	38.62	ng		95
20) 3+4-Methylphenols	8.93	107	445163	41.07	ng		97
22) Acetophenone	8.99	105	608361	39.99	ng	#	94
24) Nitrobenzene	9.37	77	537898	39.15	ng		94
25) Isophorone	9.90	82	957628	39.68	ng		97
26) 2-Nitrophenol	10.09	139	206170	41.66	ng		87
27) 2,4-Dimethylphenol	10.14	122	350140	37.03	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	517106	39.24	ng		99
29) 2,4-Dichlorophenol	10.63	162	402613	43.70	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	431031	39.40	ng		97
31) Naphthalene	11.04	128	1048976	39.66	ng		98
32) Benzoic acid	10.26	122	264640	43.36	ng		96
33) 4-Chloroaniline	11.14	127	518677	45.53	ng		98
34) Hexachlorobutadiene	11.32	225	334736	39.37	ng		90
35) Caprolactam	11.91	113	141412	48.73	ng		99
36) 4-Chloro-3-methylphenol	12.25	107	499600	44.18	ng		97
37) 2-Methylnaphthalene	12.63	142	827026	40.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	563222	39.16	ng		98
40) Hexachlorocyclopentadiene	12.98	237	401861	35.00	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	393045	42.62	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	412056	42.70	ng		95
45) 1,1'-Biphenyl	13.63	154	1125849	38.79	ng		98
46) 2-Chloronaphthalene	13.67	162	940963	39.40	ng		98
47) 2-Nitroaniline	13.87	65	399038	43.29	ng		97
48) Acenaphthylene	14.52	152	1380617	39.86	ng		100
49) Dimethylphthalate	14.24	163	1248516	39.50	ng		97
50) 2,6-Dinitrotoluene	14.36	165	296641	43.19	ng	#	82
51) Acenaphthene	14.86	154	1039439m	40.74	ng		
52) 3-Nitroaniline	14.70	138	273301	42.53	ng		87
53) 2,4-Dinitrophenol	14.90	184	201879	47.73	ng		94
54) Dibenzofuran	15.20	168	1485511	40.20	ng		98
55) 4-Nitrophenol	15.00	139	232257	42.74	ng		95
56) 2,4-Dinitrotoluene	15.15	165	420323	44.18	ng		94
57) Fluorene	15.85	166	1205112	40.86	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	436618m	43.64	ng		
59) Diethylphthalate	15.61	149	1303171	40.11	ng		96
60) 4-Chlorophenyl-phenylether	15.84	204	726569	41.38	ng		97
61) 4-Nitroaniline	15.87	138	285255	43.02	ng		89
62) Azobenzene	16.13	77	1382035	39.28	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	280907	41.86	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1134146	38.95	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	504903	38.90	ng		96
67) Hexachlorobenzene	16.85	284	542486	39.53	ng		96
68) Atrazine	17.00	200	488607	39.75	ng		96
69) Pentachlorophenol	17.20	266	356781	37.77	ng		97
70) Phenanthrene	17.60	178	1983699	38.88	ng		98
71) Anthracene	17.69	178	2040740	38.86	ng		99
72) Carbazole	17.96	167	1759339	39.52	ng		99
73) Di-n-butylphthalate	18.51	149	2041993	39.39	ng		99
74) Fluoranthene	19.60	202	2362674	40.19	ng		96
76) Benzidine	19.78	184	460072	37.76	ng		97
77) Pyrene	19.97	202	2380702	39.06	ng		98
79) Butylbenzylphthalate	20.84	149	1005091	38.09	ng		96
80) Benzo(a)anthracene	21.83	228	2509347	39.62	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	968657	37.03	ng		97
82) Chrysene	21.90	228	2384182	40.06	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1360710	36.62	ng		99
84) Di-n-octyl phthalate	22.98	149	2304097	37.62	ng		97
85) Indeno(1,2,3-cd)pyrene	29.06	276	2958241	37.83	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2744619	38.75	ng		98
88) Benzo(k)fluoranthene	24.21	252	2642101	39.46	ng	#	96
89) Benzo(a)pyrene	25.05	252	2647762	38.34	ng	#	96
90) Dibenzo(a,h)anthracene	29.13	278	2462019	37.87	ng	#	96
91) Benzo(g,h,i)perylene	30.26	276	2381019	35.98	ng	#	98

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

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