Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022721.D
Acq On : 30 Jun 2016 11:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 30 14:35:57 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	136085	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	625594	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	469665	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1148439	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1257208	20.00	ng		0.01
86) Perylene-d12	25.22	264	1280396	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	676223	79.70	ng		0.00
7) Phenol-d6	7.32	99	1049603	87.77	ng		0.01
23) Nitrobenzene-d5	9.33	82	1138993	77.06	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	628280	85.05	ng		0.01
44) 2-Fluorobiphenyl	13.42	172	2271964	76.72	ng		0.00
78) Terphenyl-d14	20.16	244	3151128	66.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	122581m	35.65	ng		
3) Pyridine	3.99	79	437172	45.45	ng		95
4) n-Nitrosodimethylamine	3.90	42	197906	35.97	ng		97
6) Aniline	7.48	93	714683	45.07	ng		98
8) 2-Chlorophenol	7.72	128	368790	41.96	ng		97
9) Benzaldehyde	7.29	77	235922	56.06	ng		96
10) Phenol	7.35	94	550720	43.57	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	411955	39.59	ng		94
12) 1,3-Dichlorobenzene	8.05	146	421437	39.41	ng		97
13) 1,4-Dichlorobenzene	8.20	146	424834	39.62	ng		97
14) 1,2-Dichlorobenzene	8.52	146	412117	40.42	ng		94
15) Benzyl Alcohol	8.40	79	510412	46.13	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	453102	39.37	ng		99
17) 2-Methylphenol	8.60	107	370162	44.43	ng		97
18) Hexachloroethane	9.26	117	170759	38.48	ng		88
19) n-Nitroso-di-n-propylamine	8.97	70	423455	42.52	ng		96
20) 3+4-Methylphenols	8.93	107	513539	44.75	ng		94
22) Acetophenone	8.99	105	704104	38.93	ng	#	95
24) Nitrobenzene	9.38	77	610612	37.38	ng	#	91
25) Isophorone	9.90	82	1112414	38.77	ng		97
26) 2-Nitrophenol	10.09	139	244662	41.58	ng		86
27) 2,4-Dimethylphenol	10.15	122	421075	37.45	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	600470	38.33	ng		99
29) 2,4-Dichlorophenol	10.63	162	474063	43.28	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	501333	38.55	ng		96
31) Naphthalene	11.04	128	1214698	38.63	ng		97
32) Benzoic acid	10.29	122	331937	45.47	ng		96
33) 4-Chloroaniline	11.15	127	593550	43.82	ng		95
34) Hexachlorobutadiene	11.31	225	393912	38.97	ng		96
35) Caprolactam	11.93	113	163117	47.27	ng		96
36) 4-Chloro-3-methylphenol	12.26	107	577593	42.96	ng		95
37) 2-Methylnaphthalene	12.63	142	981287	40.24	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	674112	38.02	ng		97
40) Hexachlorocyclopentadiene	12.97	237	479539	33.88	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	467619	41.13	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	502820	42.26	ng		98
45) 1,1'-Biphenyl	13.63	154	1328512	37.13	ng		97
46) 2-Chloronaphthalene	13.68	162	1108724	37.66	ng		97
47) 2-Nitroaniline	13.89	65	457649	40.27	ng		95
48) Acenaphthylene	14.53	152	1628346	38.14	ng		97
49) Dimethylphthalate	14.25	163	1486820	38.16	ng		96
50) 2,6-Dinitrotoluene	14.37	165	352372	41.62	ng	#	83
51) Acenaphthene	14.87	154	1088686	34.61	ng		99
52) 3-Nitroaniline	14.71	138	320189	40.42	ng		93
53) 2,4-Dinitrophenol	14.91	184	206600	39.62	ng		88
54) Dibenzofuran	15.20	168	1734302	38.07	ng		100
55) 4-Nitrophenol	15.02	139	262580	39.20	ng		94
56) 2,4-Dinitrotoluene	15.16	165	505597	43.11	ng		90
57) Fluorene	15.85	166	1423644	39.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	522683	42.37	ng	#	97
59) Diethylphthalate	15.61	149	1523170	38.03	ng		95
60) 4-Chlorophenyl-phenylether	15.84	204	863308	39.88	ng		98
61) 4-Nitroaniline	15.88	138	323922	39.63	ng		90
62) Azobenzene	16.14	77	1576689	36.35	ng		91
64) 4,6-Dinitro-2-methylphenol	15.92	198	319236	41.45	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1330691	39.82	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	608516	40.84	ng		94
67) Hexachlorobenzene	16.86	284	637712	40.48	ng		97
68) Atrazine	17.01	200	558760	39.60	ng		95
69) Pentachlorophenol	17.21	266	406290	37.48	ng		94
70) Phenanthrene	17.60	178	2221970	37.94	ng		95
71) Anthracene	17.69	178	2298018	38.12	ng		96
72) Carbazole	17.97	167	1941099	37.99	ng		96
73) Di-n-butylphthalate	18.51	149	2239577	37.64	ng		99
74) Fluoranthene	19.61	202	2557358	37.90	ng		94
76) Benzidine	19.78	184	834358	62.34	ng		98
77) Pyrene	19.97	202	2583112	38.58	ng		98
79) Butylbenzylphthalate	20.84	149	1108216	38.23	ng		94
80) Benzo(a)anthracene	21.84	228	2755683	39.61	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	1099332	38.26	ng		94
82) Chrysene	21.91	228	2585535	39.55	ng		93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1458812	35.74	ng		99
84) Di-n-octyl phthalate	22.98	149	2442946	36.31	ng		97
85) Indeno(1,2,3-cd)pyrene	29.09	276	3146160	36.62	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	3001919	38.99	ng		97
88) Benzo(k)fluoranthene	24.22	252	2913743	40.03	ng	#	95
89) Benzo(a)pyrene	25.07	252	2935859	39.12	ng		98
90) Dibenzo(a,h)anthracene	29.16	278	2654142	37.56	ng	#	94
91) Benzo(g,h,i)perylene	30.30	276	2443621	33.97	ng		96

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

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