Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022669.D
Acq On : 28 Jun 2016 10:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 28 15:06:01 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	132204	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	571043	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	415615	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1045005	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1125785	20.00	ng		0.00
86) Perylene-d12	25.21	264	1156920	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	644991	78.25	ng		0.00
7) Phenol-d6	7.31	99	991848	85.37	ng		0.00
23) Nitrobenzene-d5	9.34	82	1062068	78.72	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	534993	81.84	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2066053	78.84	ng		0.00
78) Terphenyl-d14	20.15	244	2993724	70.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	133487	39.96	ng	#	89
3) Pyridine	3.99	79	435850	46.64	ng		92
4) n-Nitrosodimethylamine	3.90	42	188633	35.29	ng		93
6) Aniline	7.48	93	682480	44.31	ng		97
8) 2-Chlorophenol	7.72	128	349504	40.94	ng		99
9) Benzaldehyde	7.29	77	197449	48.29	ng		95
10) Phenol	7.33	94	526132	42.85	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	392633	38.84	ng		97
12) 1,3-Dichlorobenzene	8.05	146	409746	39.44	ng		98
13) 1,4-Dichlorobenzene	8.20	146	418457	40.17	ng		99
14) 1,2-Dichlorobenzene	8.52	146	390061	39.38	ng		98
15) Benzyl Alcohol	8.40	79	479010	44.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	437363	39.12	ng		98
17) 2-Methylphenol	8.60	107	349590	43.19	ng		97
18) Hexachloroethane	9.25	117	163884	38.01	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	400786	41.42	ng		96
20) 3+4-Methylphenols	8.93	107	475366	42.64	ng		95
22) Acetophenone	8.99	105	645602	39.11	ng	#	92
24) Nitrobenzene	9.38	77	580812	38.95	ng		96
25) Isophorone	9.90	82	1020684	38.97	ng		99
26) 2-Nitrophenol	10.09	139	224320	41.76	ng		86
27) 2,4-Dimethylphenol	10.14	122	381104	37.13	ng		88
28) bis(2-Chloroethoxy)methane	10.38	93	570151	39.87	ng		98
29) 2,4-Dichlorophenol	10.63	162	422616	42.27	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	468334	39.45	ng		98
31) Naphthalene	11.04	128	1140603	39.74	ng		99
32) Benzoic acid	10.26	122	277282	42.04	ng		95
33) 4-Chloroaniline	11.14	127	545561	44.13	ng		99
34) Hexachlorobutadiene	11.32	225	354541	38.42	ng		97
35) Caprolactam	11.92	113	145220	46.11	ng		92
36) 4-Chloro-3-methylphenol	12.25	107	528494	43.06	ng		97
37) 2-Methylnaphthalene	12.63	142	883125	39.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	614309	39.15	ng		98
40) Hexachlorocyclopentadiene	12.97	237	433691	34.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	408832	40.63	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	433531	41.18	ng		97
45) 1,1'-Biphenyl	13.63	154	1203915	38.03	ng		99
46) 2-Chloronaphthalene	13.68	162	1006665	38.64	ng		97
47) 2-Nitroaniline	13.88	65	408898	40.66	ng		99
48) Acenaphthylene	14.52	152	1460556	38.65	ng		98
49) Dimethylphthalate	14.25	163	1320528	38.30	ng		98
50) 2,6-Dinitrotoluene	14.37	165	311955	41.64	ng		84
51) Acenaphthene	14.86	154	1098338m	39.46	ng		
52) 3-Nitroaniline	14.70	138	286529	40.87	ng		96
53) 2,4-Dinitrophenol	14.90	184	191240	41.44	ng		96
54) Dibenzofuran	15.19	168	1541938	38.25	ng		99
55) 4-Nitrophenol	14.99	139	244640	41.27	ng		94
56) 2,4-Dinitrotoluene	15.15	165	449529	43.32	ng	#	90
57) Fluorene	15.85	166	1265222	39.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	467414m	42.82	ng		
59) Diethylphthalate	15.61	149	1343690	37.91	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	750602	39.19	ng		98
61) 4-Nitroaniline	15.86	138	289229	39.99	ng		90
62) Azobenzene	16.13	77	1440506	37.53	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	291765	41.63	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1187455	39.05	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	516545	38.10	ng		96
67) Hexachlorobenzene	16.86	284	568801	39.68	ng		95
68) Atrazine	17.00	200	512125	39.89	ng		98
69) Pentachlorophenol	17.20	266	380641	38.59	ng		96
70) Phenanthrene	17.60	178	2019524	37.90	ng		96
71) Anthracene	17.69	178	2083949	37.99	ng		97
72) Carbazole	17.96	167	1781582	38.32	ng		96
73) Di-n-butylphthalate	18.51	149	2085255	38.51	ng		98
74) Fluoranthene	19.61	202	2400592	39.10	ng		98
76) Benzidine	19.78	184	759439	63.36	ng		98
77) Pyrene	19.96	202	2408889	40.17	ng		95
79) Butylbenzylphthalate	20.84	149	1025656	39.51	ng		93
80) Benzo(a)anthracene	21.83	228	2509705	40.29	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	982932	38.20	ng		98
82) Chrysene	21.90	228	2373656	40.55	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1364280	37.33	ng		98
84) Di-n-octyl phthalate	22.98	149	2274298	37.75	ng		97
85) Indeno(1,2,3-cd)pyrene	29.06	276	2970227	38.61	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2691640	38.69	ng		97
88) Benzo(k)fluoranthene	24.21	252	2596636	39.48	ng	#	97
89) Benzo(a)pyrene	25.05	252	2642191	38.96	ng	#	99
90) Dibenzo(a,h)anthracene	29.13	278	2474436	38.76	ng	#	93
91) Benzo(g,h,i)perylene	30.27	276	2358273	36.29	ng		98

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

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