Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022888.D
Acq On : 6 Jul 2016 22:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 07 02:33:31 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	113477	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	522516	20.00	ng		-0.01
38) Acenaphthene-d10	14.80	164	408199	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	930784	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1020707	20.00	ng		0.00
86) Perylene-d12	25.21	264	1039522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	578953	81.83	ng		0.00
7) Phenol-d6	7.31	99	899616	90.21	ng		0.00
23) Nitrobenzene-d5	9.33	82	952653	77.17	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	524197	81.65	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2010994	78.13	ng		0.00
78) Terphenyl-d14	20.15	244	2754069	71.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	111142	38.76	ng	#	91
3) Pyridine	3.98	79	399332	49.79	ng	#	91
4) n-Nitrosodimethylamine	3.90	42	157394	34.31	ng	#	91
6) Aniline	7.47	93	613253	46.38	ng		96
8) 2-Chlorophenol	7.72	128	307307	41.93	ng		99
9) Benzaldehyde	7.29	77	286097	81.52	ng		93
10) Phenol	7.33	94	462422	43.87	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	346859	39.98	ng		97
12) 1,3-Dichlorobenzene	8.04	146	356099	39.93	ng		95
13) 1,4-Dichlorobenzene	8.19	146	364462	40.77	ng		95
14) 1,2-Dichlorobenzene	8.51	146	348438	40.98	ng		94
15) Benzyl Alcohol	8.39	79	389880	42.25	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	394171	41.08	ng		92
17) 2-Methylphenol	8.60	107	288248	41.49	ng		94
18) Hexachloroethane	9.25	117	149172	40.31	ng		88
19) n-Nitroso-di-n-propylamine	8.96	70	348614	41.98	ng		95
20) 3+4-Methylphenols	8.93	107	422073	44.10	ng		95
22) Acetophenone	8.98	105	589048	39.00	ng	#	91
24) Nitrobenzene	9.37	77	495508	36.32	ng	#	92
25) Isophorone	9.89	82	880051	36.72	ng	#	96
26) 2-Nitrophenol	10.09	139	206064	41.93	ng		88
27) 2,4-Dimethylphenol	10.14	122	338603	36.06	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	519991	39.74	ng		99
29) 2,4-Dichlorophenol	10.62	162	376808	41.19	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	448415	41.28	ng		98
31) Naphthalene	11.03	128	1054439	40.15	ng		99
32) Benzoic acid	10.27	122	306103	49.67	ng		97
33) 4-Chloroaniline	11.14	127	537440	47.51	ng		97
34) Hexachlorobutadiene	11.31	225	343333	40.66	ng		97
35) Caprolactam	11.92	113	132535	45.99	ng		96
36) 4-Chloro-3-methylphenol	12.25	107	513981	45.77	ng		93
37) 2-Methylnaphthalene	12.63	142	851853	41.82	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	716867	46.52	ng	#	98
40) Hexachlorocyclopentadiene	12.97	237	330167	26.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	407148	41.20	ng		96
43) 2,4,5-Trichlorophenol	13.30	196	399575	38.64	ng		95
45) 1,1'-Biphenyl	13.63	154	1201151	38.63	ng		98
46) 2-Chloronaphthalene	13.68	162	1004091	39.24	ng		97
47) 2-Nitroaniline	13.88	65	396490	40.15	ng		97
48) Acenaphthylene	14.52	152	1455868	39.23	ng		99
49) Dimethylphthalate	14.24	163	1221506	36.07	ng		97
50) 2,6-Dinitrotoluene	14.37	165	286820	38.98	ng	#	83
51) Acenaphthene	14.86	154	953426	34.87	ng		99
52) 3-Nitroaniline	14.71	138	275386	40.00	ng	#	91
53) 2,4-Dinitrophenol	14.90	184	162102	35.77	ng		97
54) Dibenzofuran	15.19	168	1404654	35.47	ng		98
55) 4-Nitrophenol	15.01	139	216221	37.14	ng		95
56) 2,4-Dinitrotoluene	15.15	165	394861	38.74	ng		95
57) Fluorene	15.85	166	1188538	37.62	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	384477	35.86	ng	#	98
59) Diethylphthalate	15.60	149	1222950	35.13	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	736105	39.13	ng		96
61) 4-Nitroaniline	15.86	138	285413	40.18	ng		88
62) Azobenzene	16.12	77	1211841	32.14	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	263472	42.21	ng		97
65) n-Nitrosodiphenylamine	16.05	169	1126571	41.59	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	487645	40.38	ng		95
67) Hexachlorobenzene	16.85	284	545619	42.73	ng		95
68) Atrazine	16.99	200	468837	41.00	ng		98
69) Pentachlorophenol	17.19	266	330452	37.61	ng		97
70) Phenanthrene	17.59	178	1836930	38.70	ng		98
71) Anthracene	17.68	178	1875298	38.39	ng		99
72) Carbazole	17.95	167	1564056	37.77	ng		99
73) Di-n-butylphthalate	18.49	149	1823661	37.82	ng		98
74) Fluoranthene	19.60	202	2159582	39.49	ng		98
76) Benzidine	19.77	184	464355	42.73	ng		98
77) Pyrene	19.95	202	2227695	40.98	ng		98
79) Butylbenzylphthalate	20.83	149	886182	37.66	ng		93
80) Benzo(a)anthracene	21.83	228	2305584	40.82	ng		97
81) 3,3'-Dichlorobenzidine	21.73	252	994183	42.62	ng		97
82) Chrysene	21.90	228	2163459	40.76	ng		97
83) Bis(2-ethylhexyl)phthalate	21.71	149	1227819	37.05	ng		97
84) Di-n-octyl phthalate	22.97	149	2100227	38.45	ng		96
85) Indeno(1,2,3-cd)pyrene	29.08	276	2526532	36.23	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2500153	40.00	ng		100
88) Benzo(k)fluoranthene	24.21	252	2331305	39.45	ng	#	97
89) Benzo(a)pyrene	25.05	252	2338394	38.37	ng		99
90) Dibenzo(a,h)anthracene	29.14	278	2212612	38.57	ng	#	95
91) Benzo(g,h,i)perylene	30.28	276	2179071	37.32	ng		94

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

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