Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023394.D
Acq On : 2 Aug 2016 9:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 02 12:35:00 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	8.14	152	148591	20.00	ng		0.02
21) Naphthalene-d8	10.97	136	739376	20.00	ng		0.01
38) Acenaphthene-d10	14.80	164	541330	20.00	ng		0.01
63) Phenanthrene-d10	17.55	188	1324208	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1120776	20.00	ng		0.00
86) Perylene-d12	25.26	264	1173886	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	691019	78.28	ng		0.02
7) Phenol-d6	7.30	99	1144684	83.25	ng		0.02
23) Nitrobenzene-d5	9.32	82	1120475	75.34	ng		0.02
41) 2,4,6-Tribromophenol	16.30	330	651371	82.27	ng		0.01
44) 2-Fluorobiphenyl	13.41	172	2301030	71.70	ng		0.01
78) Terphenyl-d14	20.16	244	2953600	81.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	131597	34.99	ng	#	92
3) Pyridine	3.94	79	453944	36.73	ng		92
4) n-Nitrosodimethylamine	3.85	42	176371	38.49	ng	#	73
6) Aniline	7.45	93	715820	36.03	ng		95
8) 2-Chlorophenol	7.70	128	398391	39.28	ng		96
9) Benzaldehyde	7.27	77	342118	45.26	ng		92
10) Phenol	7.33	94	573503	38.99	ng		81
11) bis(2-Chloroethyl)ether	7.55	93	455411	38.82	ng		90
12) 1,3-Dichlorobenzene	8.02	146	429104	36.96	ng		93
13) 1,4-Dichlorobenzene	8.18	146	438847	36.92	ng		93
14) 1,2-Dichlorobenzene	8.49	146	420979	36.11	ng		92
15) Benzyl Alcohol	8.38	79	437254	41.97	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	671977	38.94	ng		88
17) 2-Methylphenol	8.59	107	402973	40.87	ng	#	83
18) Hexachloroethane	9.23	117	167765	37.50	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	461399	39.01	ng		95
20) 3+4-Methylphenols	8.92	107	579997	41.72	ng		92
22) Acetophenone	8.97	105	757590	37.42	ng	#	90
24) Nitrobenzene	9.36	77	658682	40.00	ng	#	89
25) Isophorone	9.88	82	1237087	39.93	ng	#	94
26) 2-Nitrophenol	10.07	139	281993	40.57	ng	#	75
27) 2,4-Dimethylphenol	10.13	122	465045	39.29	ng		87
28) bis(2-Chloroethoxy)methane	10.36	93	662963	35.60	ng		99
29) 2,4-Dichlorophenol	10.62	162	471453	39.62	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	485069	37.79	ng		97
31) Naphthalene	11.02	128	1389491	36.90	ng		97
32) Benzoic acid	10.29	122	401352	38.33	ng	#	88
33) 4-Chloroaniline	11.13	127	637903	35.44	ng		94
34) Hexachlorobutadiene	11.30	225	316995	37.56	ng		97
35) Caprolactam	11.91	113	202058	40.36	ng		95
36) 4-Chloro-3-methylphenol	12.25	107	624721	39.96	ng		94
37) 2-Methylnaphthalene	12.62	142	1070417m	37.39	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	719379	36.65	ng		98
40) Hexachlorocyclopentadiene	12.96	237	351512	35.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	445463	38.09	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	472063	39.21	ng		92
45) 1,1'-Biphenyl	13.62	154	1515347	36.62	ng		92
46) 2-Chloronaphthalene	13.68	162	1168985	36.52	ng		98
47) 2-Nitroaniline	13.88	65	488508	36.75	ng	#	86
48) Acenaphthylene	14.52	152	1884997	37.25	ng		97
49) Dimethylphthalate	14.25	163	1629918	39.24	ng		97
50) 2,6-Dinitrotoluene	14.38	165	381360	38.77	ng	#	81
51) Acenaphthene	14.86	154	1366484m	42.63	ng		
52) 3-Nitroaniline	14.71	138	405016	36.52	ng	#	77
53) 2,4-Dinitrophenol	14.92	184	242128	38.40	ng		89
54) Dibenzofuran	15.19	168	1742727	37.44	ng		95
55) 4-Nitrophenol	15.02	139	332061	38.12	ng	#	80
56) 2,4-Dinitrotoluene	15.16	165	549900	39.84	ng		94
57) Fluorene	15.85	166	1550478	38.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	435771	39.45	ng		97
59) Diethylphthalate	15.60	149	1695223	40.21	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	822158	38.25	ng		98
61) 4-Nitroaniline	15.88	138	442594	37.48	ng	#	64
62) Azobenzene	16.13	77	1643909	38.47	ng		89
64) 4,6-Dinitro-2-methylphenol	15.93	198	361747	40.18	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1414683	36.42	ng		92
66) 4-Bromophenyl-phenylether	16.73	248	594231	38.50	ng		95
67) Hexachlorobenzene	16.85	284	641020	37.96	ng		97
68) Atrazine	17.00	200	593319	39.78	ng		93
69) Pentachlorophenol	17.21	266	396126	40.24	ng		99
70) Phenanthrene	17.60	178	2414879	35.94	ng		93
71) Anthracene	17.69	178	2505077	37.07	ng		93
72) Carbazole	17.96	167	2264532	38.16	ng		96
73) Di-n-butylphthalate	18.50	149	2654027	43.91	ng		97
74) Fluoranthene	19.61	202	2706124	42.32	ng		91
76) Benzidine	19.79	184	1389786	44.61	ng		99
77) Pyrene	19.97	202	2661708	41.19	ng		94
79) Butylbenzylphthalate	20.85	149	1098904	40.72	ng		95
80) Benzo(a)anthracene	21.85	228	2335710	37.75	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	1005837	39.64	ng	#	93
82) Chrysene	21.92	228	2205935	37.48	ng		96
83) Bis(2-ethylhexyl)phthalate	21.73	149	1455265	39.38	ng		98
84) Di-n-octyl phthalate	23.00	149	2450364	38.85	ng		99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2991399	40.67	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2501015	37.87	ng	#	96
88) Benzo(k)fluoranthene	24.25	252	2359340	37.19	ng	#	97
89) Benzo(a)pyrene	25.10	252	2415999	38.46	ng	#	95
90) Dibenzo(a,h)anthracene	29.20	278	2459479	38.33	ng	#	92
91) Benzo(g,h,i)perylene	30.35	276	2469245	38.21	ng	#	92

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

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