Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025379.D
Acq On : 22 Dec 2016 8:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 22 13:10:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	60185	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	248064	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	198933	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	458428	20.00	ng		0.00
75) Chrysene-d12	21.88	240	671980	20.00	ng		0.00
86) Perylene-d12	25.29	264	699230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	274939	83.04	ng		0.00
7) Phenol-d6	7.37	99	394950	84.69	ng		0.00
23) Nitrobenzene-d5	9.39	82	481901	85.82	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	266070	83.08	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1023191	83.27	ng		0.00
78) Terphenyl-d14	20.16	244	2033432	80.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	59535	42.14	ng		93
3) Pyridine	4.01	79	178463	43.58	ng		86
4) n-Nitrosodimethylamine	3.92	42	105029	43.21	ng		94
6) Aniline	7.53	93	270017	42.73	ng		96
8) 2-Chlorophenol	7.77	128	152887	40.93	ng		97
9) Benzaldehyde	7.35	77	132034	38.70	ng		93
10) Phenol	7.40	94	212358	41.08	ng		99
11) bis(2-Chloroethyl)ether	7.63	93	165594	41.57	ng		92
12) 1,3-Dichlorobenzene	8.10	146	187060	41.38	ng		95
13) 1,4-Dichlorobenzene	8.25	146	187409	40.01	ng		99
14) 1,2-Dichlorobenzene	8.57	146	181100	40.51	ng		95
15) Benzyl Alcohol	8.45	79	192733	43.29	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.72	45	310279	42.06	ng		97
17) 2-Methylphenol	8.65	107	142645	42.02	ng		95
18) Hexachloroethane	9.29	117	74130	41.20	ng		98
19) n-Nitroso-di-n-propylamine	9.02	70	164248	41.70	ng	#	92
20) 3+4-Methylphenols	8.99	107	198756	42.30	ng		93
22) Acetophenone	9.05	105	284479	41.28	ng	#	98
24) Nitrobenzene	9.44	77	256706	41.68	ng		99
25) Isophorone	9.95	82	434195	42.71	ng		99
26) 2-Nitrophenol	10.15	139	101921	43.27	ng		98
27) 2,4-Dimethylphenol	10.20	122	163579	42.24	ng		95
28) bis(2-Chloroethoxy)methane	10.43	93	214405	40.61	ng		99
29) 2,4-Dichlorophenol	10.69	162	178035	42.96	ng		96
30) 1,2,4-Trichlorobenzene	10.90	180	207644	41.47	ng		95
31) Naphthalene	11.09	128	510579	41.22	ng		99
32) Benzoic acid	10.35	122	122559	39.35	ng		95
33) 4-Chloroaniline	11.21	127	219840	42.19	ng	#	95
34) Hexachlorobutadiene	11.35	225	164447	40.24	ng		97
35) Caprolactam	11.99	113	61268	39.35	ng	#	85
36) 4-Chloro-3-methylphenol	12.31	107	209697	41.00	ng		95
37) 2-Methylnaphthalene	12.68	142	393042	42.81	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	279191	42.51	ng		98
40) Hexachlorocyclopentadiene	13.01	237	91534	42.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	172484	41.71	ng		95
43) 2,4,5-Trichlorophenol	13.37	196	174127	40.22	ng		95
45) 1,1'-Biphenyl	13.67	154	561604	41.97	ng		97
46) 2-Chloronaphthalene	13.72	162	433064	41.43	ng		98
47) 2-Nitroaniline	13.94	65	191849	43.48	ng		96
48) Acenaphthylene	14.57	152	678100	41.85	ng		99
49) Dimethylphthalate	14.28	163	607090	41.86	ng		99
50) 2,6-Dinitrotoluene	14.42	165	130450	41.17	ng		98
51) Acenaphthene	14.90	154	437990	41.33	ng		99
52) 3-Nitroaniline	14.76	138	126723	41.61	ng		91
53) 2,4-Dinitrophenol	14.98	184	81377	41.76	ng	#	90
54) Dibenzofuran	15.23	168	698728	41.71	ng		95
55) 4-Nitrophenol	15.08	139	100706	44.27	ng		91
56) 2,4-Dinitrotoluene	15.22	165	201524	43.69	ng	#	93
57) Fluorene	15.88	166	585651	41.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	185228	39.94	ng	#	97
59) Diethylphthalate	15.63	149	629755	41.41	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	329663	41.47	ng		97
61) 4-Nitroaniline	15.92	138	134503	43.89	ng		97
62) Azobenzene	16.16	77	629754	42.94	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	136714	43.06	ng		79
65) n-Nitrosodiphenylamine	16.08	169	518670	41.86	ng		98
66) 4-Bromophenyl-phenylether	16.76	248	243063	42.98	ng		94
67) Hexachlorobenzene	16.89	284	277658	42.78	ng	#	92
68) Atrazine	17.02	200	226603	41.74	ng		99
69) Pentachlorophenol	17.24	266	146526	43.55	ng		99
70) Phenanthrene	17.63	178	1013722	42.91	ng		94
71) Anthracene	17.72	178	1023392	42.64	ng		98
72) Carbazole	18.00	167	925126	43.09	ng		95
73) Di-n-butylphthalate	18.51	149	1140345	43.17	ng		96
74) Fluoranthene	19.62	202	1392801	44.64	ng		94
76) Benzidine	19.80	184	644625	38.46	ng		98
77) Pyrene	19.99	202	1439508	40.99	ng		98
79) Butylbenzylphthalate	20.84	149	577301	40.94	ng		99
80) Benzo(a)anthracene	21.86	228	1570738	41.91	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	605069	41.56	ng		94
82) Chrysene	21.93	228	1489670	41.45	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	833727	42.48	ng		96
84) Di-n-octyl phthalate	22.96	149	1402913	43.06	ng		95
85) Indeno(1,2,3-cd)pyrene	29.24	276	1941298	42.49	ng	#	58
87) Benzo(b)fluoranthene	24.20	252	1630683	42.74	ng	#	97
88) Benzo(k)fluoranthene	24.27	252	1573289	42.70	ng		95
89) Benzo(a)pyrene	25.13	252	1576773	42.79	ng	#	97
90) Dibenzo(a,h)anthracene	29.27	278	1656296	42.41	ng	#	98
91) Benzo(g,h,i)perylene	30.47	276	1655387	42.66	ng		100

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

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