Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025356.D
Acq On : 21 Dec 2016 13:32
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Dec 21 17:26:57 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 17:23:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	52040	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	223223	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	179002	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	423989	20.00	ng		0.00
75) Chrysene-d12	21.88	240	593126	20.00	ng		0.00
86) Perylene-d12	25.29	264	615299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	56507	17.80	ng		0.00
7) Phenol-d6	7.37	99	79615	18.28	ng		0.00
23) Nitrobenzene-d5	9.40	82	102042	20.81	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	59216	22.14	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	232547	21.59	ng		0.00
78) Terphenyl-d14	20.17	244	481235	24.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	13417	10.34	ng	#	82
3) Pyridine	4.01	79	34546	8.89	ng		88
4) n-Nitrosodimethylamine	3.93	42	19222	9.56	ng		90
6) Aniline	7.53	93	54904	9.95	ng		97
8) 2-Chlorophenol	7.78	128	32219	9.98	ng		91
9) Benzaldehyde	7.35	77	34272	12.73	ng		92
10) Phenol	7.40	94	45225	10.07	ng		94
11) bis(2-Chloroethyl)ether	7.62	93	37478	11.11	ng		97
12) 1,3-Dichlorobenzene	8.10	146	39998	10.01	ng		93
13) 1,4-Dichlorobenzene	8.25	146	42339	10.73	ng	#	88
14) 1,2-Dichlorobenzene	8.57	146	38674	10.19	ng		92
15) Benzyl Alcohol	8.46	79	36613	9.04	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.73	45	63915	10.21	ng		90
17) 2-Methylphenol	8.66	107	29580	9.94	ng	#	83
18) Hexachloroethane	9.30	117	16181	10.66	ng		96
19) n-Nitroso-di-n-propylamine	9.01	70	33911	10.56	ng	#	86
20) 3+4-Methylphenols	8.99	107	38915	9.74	ng		86
22) Acetophenone	9.04	105	65294	11.39	ng	#	89
24) Nitrobenzene	9.44	77	54365	9.97	ng		99
25) Isophorone	9.95	82	91224	10.00	ng	#	97
26) 2-Nitrophenol	10.16	139	19941	9.85	ng	#	88
27) 2,4-Dimethylphenol	10.20	122	35383	9.98	ng		88
28) bis(2-Chloroethoxy)methane	10.42	93	47783	10.13	ng	#	92
29) 2,4-Dichlorophenol	10.70	162	37687	10.13	ng		96
30) 1,2,4-Trichlorobenzene	10.90	180	45943	10.41	ng		95
31) Naphthalene	11.09	128	115421	10.37	ng	#	95
32) Benzoic acid	10.31	122	22295	7.55	ng		89
33) 4-Chloroaniline	11.21	127	45141	9.34	ng		92
34) Hexachlorobutadiene	11.35	225	38494	11.15	ng		95
35) Caprolactam	11.98	113	14754	10.83	ng	#	83
36) 4-Chloro-3-methylphenol	12.32	107	49686	11.06	ng		96
37) 2-Methylnaphthalene	12.68	142	82130	10.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	60339	9.99	ng		97
40) Hexachlorocyclopentadiene	13.01	237	7748	2.28	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.29	196	39753	10.95	ng		91
43) 2,4,5-Trichlorophenol	13.38	196	38770	9.88	ng		97
45) 1,1'-Biphenyl	13.67	154	122205	9.84	ng		93
46) 2-Chloronaphthalene	13.73	162	97796	10.34	ng		96
47) 2-Nitroaniline	13.94	65	38554	9.96	ng		99
48) Acenaphthylene	14.57	152	147304	10.16	ng		94
49) Dimethylphthalate	14.28	163	137635	10.83	ng		97
50) 2,6-Dinitrotoluene	14.42	165	30496	11.24	ng		89
51) Acenaphthene	14.90	154	97907	9.05	ng		97
52) 3-Nitroaniline	14.77	138	27505	9.80	ng		99
53) 2,4-Dinitrophenol	15.00	184	10953	5.57	ng	#	89
54) Dibenzofuran	15.24	168	158583	10.61	ng		93
55) 4-Nitrophenol	15.09	139	19583	8.01	ng	#	84
56) 2,4-Dinitrotoluene	15.22	165	41558	10.54	ng		90
57) Fluorene	15.88	166	135756	10.95	ng		88
58) 2,3,4,6-Tetrachlorophenol	15.47	232	43067	10.59	ng		93
59) Diethylphthalate	15.62	149	142193	10.67	ng		98
60) 4-Chlorophenyl-phenylether	15.87	204	73298	10.54	ng		98
61) 4-Nitroaniline	15.93	138	27253	8.89	ng		92
62) Azobenzene	16.16	77	136527	10.27	ng		96
64) 4,6-Dinitro-2-methylphenol	15.99	198	26528	9.08	ng		82
65) n-Nitrosodiphenylamine	16.08	169	120786	10.42	ng		90
66) 4-Bromophenyl-phenylether	16.76	248	56293	10.94	ng		97
67) Hexachlorobenzene	16.89	284	60019	10.55	ng	#	89
68) Atrazine	17.02	200	53591	10.78	ng		93
69) Pentachlorophenol	17.24	266	30503	8.13	ng	#	87
70) Phenanthrene	17.63	178	231015	10.69	ng		93
71) Anthracene	17.72	178	227090	10.42	ng		97
72) Carbazole	18.00	167	204961	10.31	ng		94
73) Di-n-butylphthalate	18.51	149	257428	11.23	ng		95
74) Fluoranthene	19.63	202	304486	11.15	ng		93
76) Benzidine	19.80	184	162932	11.66	ng	#	93
77) Pyrene	19.99	202	313295	10.81	ng		95
79) Butylbenzylphthalate	20.84	149	126998	10.51	ng		98
80) Benzo(a)anthracene	21.86	228	348648	10.70	ng		94
81) 3,3'-Dichlorobenzidine	21.76	252	132625	10.09	ng	#	98
82) Chrysene	21.93	228	323257	10.42	ng		91
83) Bis(2-ethylhexyl)phthalate	21.70	149	172283	9.96	ng		98
84) Di-n-octyl phthalate	22.96	149	294663	10.27	ng		95
85) Indeno(1,2,3-cd)pyrene	29.22	276	398092	9.29	ng	#	95
87) Benzo(b)fluoranthene	24.19	252	334799	10.07	ng	#	98
88) Benzo(k)fluoranthene	24.27	252	324498	10.10	ng	#	92
89) Benzo(a)pyrene	25.13	252	326887	10.06	ng		96
90) Dibenzo(a,h)anthracene	29.27	278	347487	9.74	ng	#	93
91) Benzo(g,h,i)perylene	30.46	276	334757	9.39	ng	#	97

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

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