Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021177.D
Acq On : 1 Mar 2016 7:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 01 09:57:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	16279	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	85293	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	52931	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	116143	20.00	ng		0.00
75) Chrysene-d12	21.76	240	122516	20.00	ng		0.00
86) Perylene-d12	25.03	264	113014	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	79480	77.62	ng		0.00
7) Phenol-d6	7.30	99	139364	82.77	ng		0.00
23) Nitrobenzene-d5	9.32	82	162704	80.72	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	42425	77.04	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	312001	83.70	ng		0.00
78) Terphenyl-d14	20.08	244	422202	83.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	16697	36.31	ng		91
3) Pyridine	3.99	79	55559	38.22	ng	#	89
4) n-Nitrosodimethylamine	3.90	42	27710	37.84	ng		97
6) Aniline	7.48	93	88629	39.71	ng	#	90
8) 2-Chlorophenol	7.71	128	50849	40.51	ng		82
9) Benzaldehyde	7.29	77	38744	36.83	ng		85
10) Phenol	7.33	94	73757	41.09	ng		87
11) bis(2-Chloroethyl)ether	7.57	93	55033	39.78	ng		94
12) 1,3-Dichlorobenzene	8.04	146	50652	39.35	ng	#	87
13) 1,4-Dichlorobenzene	8.19	146	52606	39.69	ng		97
14) 1,2-Dichlorobenzene	8.50	146	51525	40.77	ng		96
15) Benzyl Alcohol	8.39	79	61871	40.24	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.67	45	95317	39.91	ng		98
17) 2-Methylphenol	8.58	107	50140	40.37	ng	#	91
18) Hexachloroethane	9.24	117	22328	40.23	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	59845	38.47	ng	#	95
20) 3+4-Methylphenols	8.91	107	70772	40.24	ng		95
22) Acetophenone	8.97	105	99930	39.37	ng	#	92
24) Nitrobenzene	9.36	77	89623	40.74	ng	#	88
25) Isophorone	9.89	82	167353	38.31	ng		95
26) 2-Nitrophenol	10.07	139	32982	41.16	ng	#	62
27) 2,4-Dimethylphenol	10.11	122	56603	39.37	ng		89
28) bis(2-Chloroethoxy)methane	10.36	93	79389	39.15	ng		96
29) 2,4-Dichlorophenol	10.60	162	52068	40.21	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	53755	41.15	ng		98
31) Naphthalene	11.01	128	181756	40.87	ng		99
32) Benzoic acid	10.28	122	48728	40.88	ng	#	75
33) 4-Chloroaniline	11.11	127	81341	39.66	ng	#	88
34) Hexachlorobutadiene	11.29	225	33123	41.65	ng		92
35) Caprolactam	11.91	113	23353	36.98	ng	#	80
36) 4-Chloro-3-methylphenol	12.22	107	76327	38.85	ng		86
37) 2-Methylnaphthalene	12.60	142	127337	40.22	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	67827	42.68	ng	#	98
40) Hexachlorocyclopentadiene	12.94	237	37548	43.08	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	48405	40.55	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	50723	39.73	ng		90
45) 1,1'-Biphenyl	13.60	154	183067	42.05	ng		95
46) 2-Chloronaphthalene	13.65	162	136566	41.79	ng		97
47) 2-Nitroaniline	13.84	65	62297	39.12	ng	#	70
48) Acenaphthylene	14.49	152	226040	40.86	ng		99
49) Dimethylphthalate	14.22	163	179696	38.09	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	39838	40.36	ng	#	65
51) Acenaphthene	14.83	154	148913	42.40	ng		96
52) 3-Nitroaniline	14.66	138	42070	38.42	ng	#	68
53) 2,4-Dinitrophenol	14.86	184	22353	43.22	ng	#	82
54) Dibenzofuran	15.16	168	187487	39.98	ng	#	91
55) 4-Nitrophenol	14.95	139	34400	37.88	ng	#	55
56) 2,4-Dinitrotoluene	15.11	165	55600	39.11	ng	#	80
57) Fluorene	15.80	166	177992	39.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	38163	37.37	ng	#	90
59) Diethylphthalate	15.57	149	198982	38.16	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	88415	39.63	ng		97
61) 4-Nitroaniline	15.82	138	44929	38.42	ng	#	60
62) Azobenzene	16.08	77	216592	38.68	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	32084	40.68	ng		86
65) n-Nitrosodiphenylamine	16.00	169	150440	42.12	ng		94
66) 4-Bromophenyl-phenylether	16.68	248	51236	42.21	ng	#	89
67) Hexachlorobenzene	16.80	284	49336	41.88	ng	#	81
68) Atrazine	16.94	200	48359	39.54	ng		97
69) Pentachlorophenol	17.14	266	32901	42.75	ng		92
70) Phenanthrene	17.53	178	258572	41.25	ng		99
71) Anthracene	17.63	178	262421	40.92	ng		98
72) Carbazole	17.89	167	228637	40.20	ng		97
73) Di-n-butylphthalate	18.44	149	323484	40.45	ng	#	98
74) Fluoranthene	19.53	202	295277	40.10	ng		99
76) Benzidine	19.70	184	140196	40.90	ng		99
77) Pyrene	19.89	202	301293	41.22	ng		99
79) Butylbenzylphthalate	20.77	149	152096	40.78	ng		88
80) Benzo(a)anthracene	21.74	228	292853	40.37	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	111993	40.81	ng	#	98
82) Chrysene	21.81	228	281224	40.91	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	225952	41.33	ng		96
84) Di-n-octyl phthalate	22.86	149	378291	41.54	ng		99
85) Indeno(1,2,3-cd)pyrene	28.77	276	313258	39.74	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	286549	40.31	ng		98
88) Benzo(k)fluoranthene	24.06	252	284462	39.96	ng		98
89) Benzo(a)pyrene	24.87	252	275199	40.04	ng		96
90) Dibenzo(a,h)anthracene	28.83	278	265137	39.00	ng	#	96
91) Benzo(g,h,i)perylene	29.94	276	255866	38.95	ng	#	92

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

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