Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021226.D
Acq On : 3 Mar 2016 00:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 03 01:09:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 11:46:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11853	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	57764	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	33419	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	71210	20.00	ng		0.00
75) Chrysene-d12	21.76	240	76089	20.00	ng		0.00
86) Perylene-d12	25.04	264	70463	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	56612	75.93	ng		0.00
7) Phenol-d6	7.30	99	91056	74.27	ng		0.00
23) Nitrobenzene-d5	9.31	82	103072	75.51	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	26851	77.22	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	199670	84.84	ng		0.00
78) Terphenyl-d14	20.09	244	258886	82.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	11098	33.14	ng	#	95
3) Pyridine	4.00	79	37237	35.18	ng		96
4) n-Nitrosodimethylamine	3.90	42	16167	30.32	ng		99
6) Aniline	7.47	93	57744	35.53	ng		92
8) 2-Chlorophenol	7.71	128	35909	39.29	ng		91
9) Benzaldehyde	7.28	77	26100	34.08	ng	#	81
10) Phenol	7.33	94	48316	36.97	ng		80
11) bis(2-Chloroethyl)ether	7.56	93	36254	35.99	ng		95
12) 1,3-Dichlorobenzene	8.03	146	37233	39.73	ng	#	92
13) 1,4-Dichlorobenzene	8.18	146	38676	40.08	ng		99
14) 1,2-Dichlorobenzene	8.50	146	37310	40.54	ng		98
15) Benzyl Alcohol	8.38	79	39530	35.31	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.67	45	56105	32.26	ng		96
17) 2-Methylphenol	8.58	107	33244	36.76	ng	#	88
18) Hexachloroethane	9.23	117	15779	39.05	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	36434	32.17	ng		92
20) 3+4-Methylphenols	8.91	107	46235	36.10	ng		94
22) Acetophenone	8.97	105	63339	36.85	ng	#	94
24) Nitrobenzene	9.35	77	56527	37.94	ng		92
25) Isophorone	9.88	82	99745	33.71	ng		96
26) 2-Nitrophenol	10.06	139	21649	39.89	ng	#	60
27) 2,4-Dimethylphenol	10.11	122	35779	36.75	ng		89
28) bis(2-Chloroethoxy)methane	10.35	93	49109	35.76	ng		98
29) 2,4-Dichlorophenol	10.60	162	34313	39.12	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	37752	42.67	ng		98
31) Naphthalene	11.00	128	119257	39.60	ng		99
32) Benzoic acid	10.25	122	25201	32.56	ng	#	80
33) 4-Chloroaniline	11.11	127	50468	36.33	ng	#	88
34) Hexachlorobutadiene	11.28	225	24585	45.65	ng		90
35) Caprolactam	11.92	113	13178	30.81	ng	#	84
36) 4-Chloro-3-methylphenol	12.22	107	46037	34.60	ng		86
37) 2-Methylnaphthalene	12.60	142	81037	37.79	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	46024	45.87	ng		99
40) Hexachlorocyclopentadiene	12.94	237	13920	25.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	30797	40.86	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	32474	40.29	ng		92
45) 1,1'-Biphenyl	13.60	154	114175	41.54	ng		98
46) 2-Chloronaphthalene	13.64	162	85831	41.60	ng		98
47) 2-Nitroaniline	13.84	65	34873	34.68	ng	#	74
48) Acenaphthylene	14.48	152	137089	39.25	ng		98
49) Dimethylphthalate	14.21	163	108641	36.48	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	23398	37.55	ng	#	75
51) Acenaphthene	14.82	154	81300	36.67	ng		97
52) 3-Nitroaniline	14.66	138	24168	34.95	ng	#	70
53) 2,4-Dinitrophenol	14.86	184	7444	26.61	ng		90
54) Dibenzofuran	15.15	168	113475	38.32	ng		92
55) 4-Nitrophenol	14.96	139	20598	35.92	ng	#	62
56) 2,4-Dinitrotoluene	15.11	165	32698	36.43	ng	#	80
57) Fluorene	15.80	166	104586	37.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	23592	36.59	ng	#	97
59) Diethylphthalate	15.56	149	113222	34.40	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	54096	38.41	ng		97
61) 4-Nitroaniline	15.82	138	26424	35.79	ng	#	62
62) Azobenzene	16.08	77	120135	33.98	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	14151	30.62	ng		93
65) n-Nitrosodiphenylamine	16.00	169	89001	40.65	ng		95
66) 4-Bromophenyl-phenylether	16.68	248	31063	41.74	ng	#	86
67) Hexachlorobenzene	16.80	284	30809	42.65	ng	#	88
68) Atrazine	16.94	200	31111	41.49	ng		99
69) Pentachlorophenol	17.14	266	18358	38.90	ng		89
70) Phenanthrene	17.54	178	154234	40.13	ng		98
71) Anthracene	17.63	178	161214	41.00	ng		99
72) Carbazole	17.90	167	141643	40.62	ng		98
73) Di-n-butylphthalate	18.44	149	193206	39.41	ng	#	98
74) Fluoranthene	19.54	202	182143	40.34	ng		98
76) Benzidine	19.71	184	86396	40.58	ng		98
77) Pyrene	19.89	202	187274	41.26	ng		99
79) Butylbenzylphthalate	20.77	149	90443	39.04	ng		91
80) Benzo(a)anthracene	21.75	228	181386	40.26	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	69176	40.58	ng	#	98
82) Chrysene	21.81	228	172862	40.49	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	131211	38.64	ng		94
84) Di-n-octyl phthalate	22.86	149	221586	39.18	ng		97
85) Indeno(1,2,3-cd)pyrene	28.78	276	188708	38.55	ng	#	85
87) Benzo(b)fluoranthene	24.00	252	176815	39.89	ng		97
88) Benzo(k)fluoranthene	24.07	252	180119	40.58	ng		97
89) Benzo(a)pyrene	24.89	252	175303	40.91	ng		96
90) Dibenzo(a,h)anthracene	28.85	278	152613	36.00	ng		97
91) Benzo(g,h,i)perylene	29.95	276	142067	34.69	ng		95

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

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