Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
Data File : BG023945.D
Acq On : 1 Sep 2016 22:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 02 01:05:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37640	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	188258	20.00	ng		-0.01
38) Acenaphthene-d10	14.75	164	141442	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	392384	20.00	ng		0.00
75) Chrysene-d12	21.84	240	406932	20.00	ng		0.00
86) Perylene-d12	25.20	264	396755	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	178100	83.07	ng		-0.01
7) Phenol-d6	7.26	99	273406	82.85	ng		0.00
23) Nitrobenzene-d5	9.26	82	345523	81.94	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	199783	78.40	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	786089	79.68	ng		0.00
78) Terphenyl-d14	20.13	244	1451456	81.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	33884	38.32	ng		94
3) Pyridine	3.91	79	118949	44.76	ng		96
4) n-Nitrosodimethylamine	3.81	42	69255	49.44	ng	#	83
6) Aniline	7.41	93	180280	41.15	ng		99
8) 2-Chlorophenol	7.64	128	102045	41.09	ng		96
9) Benzaldehyde	7.22	77	94577	40.33	ng		94
10) Phenol	7.28	94	141826	40.85	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	103988	38.07	ng		89
12) 1,3-Dichlorobenzene	7.97	146	110554	38.03	ng		96
13) 1,4-Dichlorobenzene	8.12	146	118803	38.58	ng		96
14) 1,2-Dichlorobenzene	8.44	146	114241	39.52	ng		93
15) Benzyl Alcohol	8.34	79	120403	41.38	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	148786	40.64	ng		91
17) 2-Methylphenol	8.54	107	96198	41.13	ng		97
18) Hexachloroethane	9.17	117	48164	40.62	ng		94
19) n-Nitroso-di-n-propylamine	8.89	70	120654	41.38	ng	#	89
20) 3+4-Methylphenols	8.88	107	137034	42.04	ng		97
22) Acetophenone	8.92	105	191887	39.37	ng	#	99
24) Nitrobenzene	9.31	77	188021	41.46	ng		94
25) Isophorone	9.83	82	329695	40.32	ng		96
26) 2-Nitrophenol	10.03	139	72957	42.32	ng		97
27) 2,4-Dimethylphenol	10.09	122	124914	42.64	ng		88
28) bis(2-Chloroethoxy)methane	10.31	93	158242	38.32	ng		99
29) 2,4-Dichlorophenol	10.57	162	129198	41.62	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	134124	39.40	ng		98
31) Naphthalene	10.97	128	379913	39.16	ng		99
32) Benzoic acid	10.26	122	91381	38.41	ng		94
33) 4-Chloroaniline	11.09	127	168111	41.50	ng		95
34) Hexachlorobutadiene	11.24	225	104971	41.05	ng		95
35) Caprolactam	11.90	113	45876	41.93	ng		96
36) 4-Chloro-3-methylphenol	12.22	107	172016	41.47	ng		94
37) 2-Methylnaphthalene	12.58	142	292100	39.58	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	193222	41.16	ng		100
40) Hexachlorocyclopentadiene	12.91	237	97026	38.34	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	129993	41.49	ng		95
43) 2,4,5-Trichlorophenol	13.28	196	134927	42.60	ng		92
45) 1,1'-Biphenyl	13.58	154	462791	40.68	ng		98
46) 2-Chloronaphthalene	13.63	162	334686	40.07	ng		95
47) 2-Nitroaniline	13.85	65	148616	45.17	ng		97
48) Acenaphthylene	14.48	152	568563	40.84	ng		98
49) Dimethylphthalate	14.21	163	491426	40.52	ng		98
50) 2,6-Dinitrotoluene	14.33	165	101326	39.58	ng		94
51) Acenaphthene	14.82	154	345236	40.11	ng		97
52) 3-Nitroaniline	14.68	138	100626	42.02	ng		94
53) 2,4-Dinitrophenol	14.90	184	70415	41.07	ng		92
54) Dibenzofuran	15.16	168	540556	40.24	ng		99
55) 4-Nitrophenol	15.01	139	80929	42.47	ng		91
56) 2,4-Dinitrotoluene	15.13	165	155433	41.30	ng	#	85
57) Fluorene	15.81	166	471491	40.47	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	135467	42.14	ng		94
59) Diethylphthalate	15.57	149	528095	40.79	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	257454	41.06	ng		98
61) 4-Nitroaniline	15.86	138	107718	44.49	ng		95
62) Azobenzene	16.09	77	517645	41.28	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	113240	41.57	ng		92
65) n-Nitrosodiphenylamine	16.01	169	442447	39.70	ng		97
66) 4-Bromophenyl-phenylether	16.70	248	188713	39.53	ng		98
67) Hexachlorobenzene	16.82	284	213778	38.18	ng		97
68) Atrazine	16.97	200	188810	39.38	ng		98
69) Pentachlorophenol	17.18	266	116313	39.11	ng		99
70) Phenanthrene	17.57	178	810933	39.73	ng		98
71) Anthracene	17.65	178	819456	39.36	ng		95
72) Carbazole	17.94	167	752364	39.82	ng		95
73) Di-n-butylphthalate	18.47	149	904157	40.11	ng		97
74) Fluoranthene	19.57	202	982022	39.96	ng		95
76) Benzidine	19.76	184	301910	23.96	ng		97
77) Pyrene	19.94	202	987417	39.45	ng		94
79) Butylbenzylphthalate	20.81	149	386173	40.03	ng		95
80) Benzo(a)anthracene	21.81	228	925376	40.62	ng		94
81) 3,3'-Dichlorobenzidine	21.72	252	386257	42.42	ng		99
82) Chrysene	21.88	228	883849	40.76	ng		98
83) Bis(2-ethylhexyl)phthalate	21.68	149	528108	39.98	ng		95
84) Di-n-octyl phthalate	22.94	149	884006	40.80	ng		99
85) Indeno(1,2,3-cd)pyrene	29.06	276	1003178	41.79	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	936072	41.53	ng		97
88) Benzo(k)fluoranthene	24.20	252	918859	41.12	ng		99
89) Benzo(a)pyrene	25.04	252	893854	41.76	ng		96
90) Dibenzo(a,h)anthracene	29.13	278	827367	39.31	ng	#	98
91) Benzo(g,h,i)perylene	30.28	276	811148	40.07	ng		97

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

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