Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015868.D
Acq On : 9 Jan 2015 13:45
Operator : TP/IZ
Sample : G1030-11MSD
Misc : S
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP4-SS-2(4-6)MSD

Quant Time: Jan 12 12:43:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27796	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	99146	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	79103	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	189248	20.00	ng		0.00
75) Chrysene-d12	21.30	240	272098	20.00	ng		0.00
86) Perylene-d12	23.56	264	263948	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	170166	52.65	ng		0.00
7) Phenol-d6	6.91	99	238157	52.91	ng		0.00
23) Nitrobenzene-d5	8.89	82	173354	34.31	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	148858	49.50	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	341810	30.86	ng		0.00
78) Terphenyl-d14	19.74	244	734252	30.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	19413	26.19	ng		93
3) Pyridine	3.65	79	44970	22.13	ng	#	89
4) n-Nitrosodimethylamine	3.56	42	29169	33.40	ng	#	73
6) Aniline	7.07	93	50592	16.63	ng		99
8) 2-Chlorophenol	7.30	128	52919	31.77	ng		95
9) Benzaldehyde	6.88	77	45392	29.95	ng		99
10) Phenol	6.94	94	85295	34.81	ng		95
11) bis(2-Chloroethyl)ether	7.17	93	56279	31.16	ng		96
12) 1,3-Dichlorobenzene	7.62	146	57399	28.75	ng		96
13) 1,4-Dichlorobenzene	7.76	146	60779	29.82	ng		96
14) 1,2-Dichlorobenzene	8.08	146	58069	30.02	ng		91
15) Benzyl Alcohol	7.97	79	67729	30.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	38346	33.25	ng		89
17) 2-Methylphenol	8.18	107	50995	30.51	ng		94
18) Hexachloroethane	8.80	117	30508	32.43	ng		95
19) n-Nitroso-di-n-propylamine	8.53	70	52491	29.89	ng	#	92
20) 3+4-Methylphenols	8.50	107	71058	31.88	ng		85
22) Acetophenone	8.55	105	94913	32.65	ng	#	97
24) Nitrobenzene	8.93	77	83236	32.70	ng		96
25) Isophorone	9.44	82	150360	33.55	ng		99
26) 2-Nitrophenol	9.64	139	29697	30.45	ng	#	79
27) 2,4-Dimethylphenol	9.70	122	50794	31.13	ng		95
28) bis(2-Chloroethoxy)methane	9.93	93	76318	34.52	ng		98
29) 2,4-Dichlorophenol	10.17	162	57990	35.18	ng		92
30) 1,2,4-Trichlorobenzene	10.38	180	68194	31.58	ng		89
31) Naphthalene	10.57	128	164720	31.37	ng		99
33) 4-Chloroaniline	10.68	127	29143	13.63	ng	#	90
34) Hexachlorobutadiene	10.85	225	64663	32.22	ng		91
35) Caprolactam	11.43	113	21292	29.37	ng		92
36) 4-Chloro-3-methylphenol	11.81	107	71400	33.25	ng		92
37) 2-Methylnaphthalene	12.18	142	127465	32.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	91988	31.26	ng	#	97
40) Hexachlorocyclopentadiene	12.53	237	133465	58.74	ng		98
42) 2,4,6-Trichlorophenol	12.79	196	55337	30.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.87	196	58744	29.70	ng		94
45) 1,1'-Biphenyl	13.20	154	175187	31.02	ng		96
46) 2-Chloronaphthalene	13.24	162	133354	29.63	ng		97
47) 2-Nitroaniline	13.45	65	47002	31.93	ng		98
48) Acenaphthylene	14.09	152	223335	29.01	ng		95
49) Dimethylphthalate	13.83	163	200409	34.34	ng	#	95
50) 2,6-Dinitrotoluene	13.95	165	39317	31.24	ng	#	91
51) Acenaphthene	14.43	154	136028	30.08	ng		89
52) 3-Nitroaniline	14.28	138	23480	19.61	ng		89
53) 2,4-Dinitrophenol	14.49	184	30086	38.88	ng	#	87
54) Dibenzofuran	14.77	168	223053	30.41	ng		96
55) 4-Nitrophenol	14.60	139	59132	59.95	ng	#	87
56) 2,4-Dinitrotoluene	14.74	165	58639	32.34	ng	#	90
57) Fluorene	15.41	166	182222	30.48	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.00	232	67098	30.07	ng	#	97
59) Diethylphthalate	15.20	149	197988	30.72	ng		96
60) 4-Chlorophenyl-phenylether	15.41	204	121301	31.07	ng		96
61) 4-Nitroaniline	15.44	138	37848	26.89	ng	#	77
62) Azobenzene	15.71	77	218117	31.40	ng		96
64) 4,6-Dinitro-2-methylphenol	15.50	198	39798	29.99	ng		93
65) n-Nitrosodiphenylamine	15.63	169	167936	30.86	ng		96
66) 4-Bromophenyl-phenylether	16.31	248	84976	32.74	ng		95
67) Hexachlorobenzene	16.42	284	92814	31.58	ng		97
68) Atrazine	16.58	200	77025	31.68	ng		96
69) Pentachlorophenol	16.77	266	96378	51.78	ng		95
70) Phenanthrene	17.15	178	316090	31.38	ng		98
71) Anthracene	17.25	178	310521	31.04	ng		99
72) Carbazole	17.52	167	289601	30.18	ng		99
73) Di-n-butylphthalate	18.08	149	350871	31.05	ng		99
74) Fluoranthene	19.17	202	477772	31.36	ng		98
76) Benzidine	19.36	184	131689	20.90	ng		97
77) Pyrene	19.54	202	486146	33.42	ng		100
79) Butylbenzylphthalate	20.44	149	175608	32.21	ng		96
80) Benzo(a)anthracene	21.28	228	514583	31.85	ng		98
81) 3,3'-Dichlorobenzidine	21.22	252	104706	17.66	ng		99
82) Chrysene	21.34	228	478202	32.20	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	248799	31.39	ng		99
84) Di-n-octyl phthalate	22.09	149	403399	31.26	ng		99
85) Indeno(1,2,3-cd)pyrene	25.87	276	540719	30.81	ng		99
87) Benzo(b)fluoranthene	22.88	252	524704	31.84	ng	#	98
88) Benzo(k)fluoranthene	22.93	252	477025	30.07	ng	#	98
89) Benzo(a)pyrene	23.47	252	479795	32.33	ng		98
90) Dibenzo(a,h)anthracene	25.88	278	440614	30.20	ng		97
91) Benzo(g,h,i)perylene	26.58	276	446558	30.80	ng		97

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

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