Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017951.D
Acq On : 18 Jul 2015 7:39
Operator : TP/UM
Sample : G3007-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2(8.0-8.5)MSD

Quant Time: Jul 20 01:50:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	87279	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	409878	20.00	ng		0.00
38) Acenaphthene-d10	14.24	164	257097	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	546028	20.00	ng		0.00
75) Chrysene-d12	21.20	240	555327	20.00	ng		0.00
86) Perylene-d12	23.42	264	540476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	252427	50.45	ng		0.00
7) Phenol-d6	6.76	99	215070	32.81	ng		0.00
23) Nitrobenzene-d5	8.74	82	523951	82.79	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	331380	127.22	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1268638	85.51	ng		0.00
78) Terphenyl-d14	19.64	244	1736561	78.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	30282	13.77	ng		99
3) Pyridine	3.53	79	82585	14.05	ng	#	90
4) n-Nitrosodimethylamine	3.45	42	29880	13.39	ng	#	67
6) Aniline	6.92	93	242811	27.78	ng		93
8) 2-Chlorophenol	7.15	128	195120	33.08	ng		97
9) Benzaldehyde	6.74	77	91503	22.78	ng		94
10) Phenol	6.79	94	86964	12.43	ng		92
11) bis(2-Chloroethyl)ether	7.02	93	231988	42.39	ng		93
12) 1,3-Dichlorobenzene	7.48	146	230202	35.54	ng		97
13) 1,4-Dichlorobenzene	7.62	146	236337	35.60	ng		98
14) 1,2-Dichlorobenzene	7.93	146	237177	37.39	ng		99
15) Benzyl Alcohol	7.83	79	140165	28.91	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.13	45	269675	40.91	ng		96
17) 2-Methylphenol	8.03	107	138279	28.35	ng		93
18) Hexachloroethane	8.65	117	89669	35.76	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	205931	43.03	ng	#	87
20) 3+4-Methylphenols	8.36	107	168053	25.46	ng		97
22) Acetophenone	8.40	105	366513	41.40	ng	#	93
24) Nitrobenzene	8.78	77	279020	41.38	ng	#	89
25) Isophorone	9.30	82	564066	42.50	ng		100
26) 2-Nitrophenol	9.48	139	134005	41.65	ng		92
27) 2,4-Dimethylphenol	9.56	122	222323	37.99	ng		95
28) bis(2-Chloroethoxy)methane	9.79	93	320829	43.38	ng		99
29) 2,4-Dichlorophenol	10.01	162	224116	42.99	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	233850	37.75	ng		97
31) Naphthalene	10.41	128	809242	40.34	ng		99
32) Benzoic acid	9.66	122	29393	21.16	ng		84
33) 4-Chloroaniline	10.53	127	311396	34.83	ng		95
34) Hexachlorobutadiene	10.71	225	126418	36.22	ng		93
35) Caprolactam	11.31	113	21463	8.10	ng		89
36) 4-Chloro-3-methylphenol	11.66	107	236084	39.89	ng		96
37) 2-Methylnaphthalene	12.04	142	646172	44.87	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	272723	39.57	ng		99
40) Hexachlorocyclopentadiene	12.40	237	299258	79.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	188345	42.03	ng		96
43) 2,4,5-Trichlorophenol	12.73	196	208483	44.74	ng		97
45) 1,1'-Biphenyl	13.07	154	772405	42.91	ng		99
46) 2-Chloronaphthalene	13.11	162	616039	42.23	ng		97
47) 2-Nitroaniline	13.32	65	183424	46.83	ng	#	85
48) Acenaphthylene	13.96	152	1033648	42.49	ng		99
49) Dimethylphthalate	13.72	163	897424	50.25	ng		100
50) 2,6-Dinitrotoluene	13.83	165	195425	48.29	ng		90
51) Acenaphthene	14.31	154	637840	43.30	ng		99
52) 3-Nitroaniline	14.16	138	170621	37.50	ng		94
53) 2,4-Dinitrophenol	14.37	184	184084	79.95	ng		93
54) Dibenzofuran	14.64	168	969110	45.59	ng		99
55) 4-Nitrophenol	14.47	139	107976	30.00	ng	#	86
56) 2,4-Dinitrotoluene	14.62	165	269621	49.67	ng		90
57) Fluorene	15.30	166	855133	46.80	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.87	232	180327	44.88	ng		98
59) Diethylphthalate	15.08	149	860006	46.49	ng		99
60) 4-Chlorophenyl-phenylether	15.30	204	412604	46.06	ng		93
61) 4-Nitroaniline	15.33	138	220931	41.45	ng		93
62) Azobenzene	15.59	77	791877	46.33	ng		92
64) 4,6-Dinitro-2-methylphenol	15.38	198	131890	46.26	ng		86
65) n-Nitrosodiphenylamine	15.51	169	735076	44.77	ng		99
66) 4-Bromophenyl-phenylether	16.19	248	255007	46.61	ng		96
67) Hexachlorobenzene	16.31	284	275770	45.41	ng		92
68) Atrazine	16.48	200	266761	49.46	ng		96
69) Pentachlorophenol	16.65	266	309456	78.05	ng		98
70) Phenanthrene	17.04	178	1272459	45.18	ng		98
71) Anthracene	17.13	178	1253516	45.74	ng		97
72) Carbazole	17.41	167	1173260	45.32	ng		98
73) Di-n-butylphthalate	17.98	149	1508875	47.54	ng		100
74) Fluoranthene	19.07	202	1373963	44.56	ng		99
76) Benzidine	19.26	184	291982	18.51	ng		97
77) Pyrene	19.43	202	1418420	45.80	ng		99
79) Butylbenzylphthalate	20.35	149	698448	50.35	ng		90
80) Benzo(a)anthracene	21.18	228	1319432	44.99	ng		97
81) 3,3'-Dichlorobenzidine	21.12	252	368656	34.66	ng		97
82) Chrysene	21.24	228	1245115	44.57	ng		100
83) Bis(2-ethylhexyl)phthalate	21.13	149	1015600	53.17	ng		97
84) Di-n-octyl phthalate	22.00	149	1534892	51.02	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.67	276	1551909	45.94	ng		98
87) Benzo(b)fluoranthene	22.75	252	1345230	45.49	ng		99
88) Benzo(k)fluoranthene	22.79	252	1341108	45.42	ng		99
89) Benzo(a)pyrene	23.32	252	1309775	47.54	ng		98
90) Dibenzo(a,h)anthracene	25.68	278	1321565	46.26	ng		98
91) Benzo(g,h,i)perylene	26.35	276	1279003	46.43	ng		99

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

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