Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015967.D
Acq On : 28 Jan 2015 4:19
Operator : TP/IZ
Sample : G1139-12MS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B4MS

Quant Time: Jan 28 06:09:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	97263	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	414872	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	334290	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	915048	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1320625	20.00	ng		0.00
86) Perylene-d12	23.53	264	1307657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	322941	49.44	ng		0.00
7) Phenol-d6	6.87	99	362072	34.40	ng		0.00
23) Nitrobenzene-d5	8.84	82	803979	55.86	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	618654	101.09	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1596464	74.93	ng		0.00
78) Terphenyl-d14	19.71	244	2820084	53.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	44929	13.36	ng		95
3) Pyridine	3.58	79	133069	11.73	ng	#	91
4) n-Nitrosodimethylamine	3.50	42	55871	12.75	ng	#	92
6) Aniline	7.02	93	212232	14.00	ng	#	85
8) 2-Chlorophenol	7.25	128	158797	25.34	ng		86
9) Benzaldehyde	6.83	77	64483	6.72	ng	#	80
10) Phenol	6.89	94	130284	10.86	ng		95
11) bis(2-Chloroethyl)ether	7.12	93	245426	26.48	ng		97
12) 1,3-Dichlorobenzene	7.58	146	219505	29.60	ng		93
13) 1,4-Dichlorobenzene	7.72	146	228791	29.88	ng		95
14) 1,2-Dichlorobenzene	8.03	146	411371	54.82	ng		91
15) Benzyl Alcohol	7.93	79	230647	20.03	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.22	45	181288	24.20	ng		95
17) 2-Methylphenol	8.14	107	161663	21.75	ng	#	79
18) Hexachloroethane	8.76	117	121167	30.78	ng		86
19) n-Nitroso-di-n-propylamine	8.49	70	258764	24.64	ng	#	91
20) 3+4-Methylphenols	8.46	107	195982	20.12	ng		85
22) Acetophenone	8.50	105	423829	30.48	ng		97
24) Nitrobenzene	8.89	77	402400	26.58	ng		93
25) Isophorone	9.40	82	708397	27.84	ng	#	95
26) 2-Nitrophenol	9.58	139	100209	26.73	ng	#	74
27) 2,4-Dimethylphenol	9.66	122	187526	26.14	ng		84
28) bis(2-Chloroethoxy)methane	9.88	93	354730	28.79	ng		97
29) 2,4-Dichlorophenol	10.13	162	228685	30.53	ng		97
30) 1,2,4-Trichlorobenzene	10.34	180	597551	65.78	ng	#	97
31) Naphthalene	10.52	128	1118554	52.68	ng		98
32) Benzoic acid	9.81	122	7316	14.25	ng		87
33) 4-Chloroaniline	10.63	127	83793	8.47	ng	#	92
34) Hexachlorobutadiene	10.81	225	279844	31.50	ng	#	88
35) Caprolactam	11.42	113	20367	5.53	ng	#	88
36) 4-Chloro-3-methylphenol	11.78	107	297558	27.01	ng		98
37) 2-Methylnaphthalene	12.14	142	746506	44.27	ng		89
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	455977	35.77	ng		98
40) Hexachlorocyclopentadiene	12.49	237	548933	57.15	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	252161	33.77	ng		91
43) 2,4,5-Trichlorophenol	12.83	196	277034	32.82	ng	#	94
45) 1,1'-Biphenyl	13.16	154	789320	37.41	ng		94
46) 2-Chloronaphthalene	13.20	162	626802	35.18	ng		91
47) 2-Nitroaniline	13.42	65	283123	31.15	ng		92
48) Acenaphthylene	14.05	152	982829	36.33	ng		98
49) Dimethylphthalate	13.80	163	867190	36.05	ng		98
50) 2,6-Dinitrotoluene	13.92	165	201610	37.12	ng	#	85
51) Acenaphthene	14.40	154	633610	37.28	ng		95
52) 3-Nitroaniline	14.25	138	116743	22.85	ng		84
53) 2,4-Dinitrophenol	14.46	184	145312	44.51	ng	#	84
54) Dibenzofuran	14.73	168	1040781	37.11	ng		96
55) 4-Nitrophenol	14.57	139	96847	27.55	ng	#	78
56) 2,4-Dinitrotoluene	14.71	165	297647	37.46	ng	#	76
57) Fluorene	15.38	166	997360	39.42	ng		93
58) 2,3,4,6-Tetrachlorophenol	14.97	232	307998	32.95	ng	#	95
59) Diethylphthalate	15.16	149	901322	36.70	ng		99
60) 4-Chlorophenyl-phenylether	15.38	204	610743	36.30	ng		99
61) 4-Nitroaniline	15.41	138	187496	34.60	ng	#	69
62) Azobenzene	15.67	77	1246570	31.35	ng		92
64) 4,6-Dinitro-2-methylphenol	15.47	198	170363	25.80	ng		93
65) n-Nitrosodiphenylamine	15.60	169	833501	31.93	ng		90
66) 4-Bromophenyl-phenylether	16.27	248	460032	34.43	ng		97
67) Hexachlorobenzene	16.39	284	503885	34.88	ng		94
68) Atrazine	16.55	200	415487	33.06	ng		98
69) Pentachlorophenol	16.74	266	386662	54.82	ng		98
70) Phenanthrene	17.12	178	1605620	34.98	ng		99
71) Anthracene	17.21	178	1489779	33.07	ng		97
72) Carbazole	17.49	167	1350560	34.01	ng		98
73) Di-n-butylphthalate	18.05	149	1513143	33.11	ng		99
74) Fluoranthene	19.14	202	1934740	31.56	ng		97
76) Benzidine	19.33	184	400879	13.79	ng		98
77) Pyrene	19.51	202	2014570	32.10	ng		99
79) Butylbenzylphthalate	20.41	149	723916	31.46	ng		95
80) Benzo(a)anthracene	21.25	228	2301702	31.88	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	558349	18.92	ng		97
82) Chrysene	21.31	228	2160635	31.49	ng		98
83) Bis(2-ethylhexyl)phthalate	21.18	149	1124939	36.36	ng		99
84) Di-n-octyl phthalate	22.06	149	1628715	34.03	ng		96
85) Indeno(1,2,3-cd)pyrene	25.83	276	2783862	35.95	ng	#	97
87) Benzo(b)fluoranthene	22.85	252	2453208	32.87	ng		100
88) Benzo(k)fluoranthene	22.89	252	2337473	32.35	ng		95
89) Benzo(a)pyrene	23.43	252	2323154	32.35	ng	#	98
90) Dibenzo(a,h)anthracene	25.84	278	2390285	35.06	ng		98
91) Benzo(g,h,i)perylene	26.54	276	2312595	34.77	ng		95

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

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