Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
Data File : BG016844.D
Acq On : 1 May 2015 14:44
Operator : TP/IZ
Sample : PB83075BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83075BS

Quant Time: May 02 00:11:28 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 23:47:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	51184	20.00	ng		0.00
21) Naphthalene-d8	10.03	136	230546	20.00	ng		0.00
38) Acenaphthene-d10	13.95	164	124880	20.00	ng		0.00
63) Phenanthrene-d10	16.70	188	163953	20.00	ng		0.00
75) Chrysene-d12	20.91	240	163662	20.00	ng		0.00
86) Perylene-d12	22.98	264	211032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.86	112	435836	156.85	ng		0.00
7) Phenol-d6	6.49	99	602313	154.43	ng		0.01
23) Nitrobenzene-d5	8.42	82	312030	88.17	ng		0.00
41) 2,4,6-Tribromophenol	15.45	330	138374	148.78	ng		0.00
44) 2-Fluorobiphenyl	12.55	172	741965	91.99	ng		0.00
78) Terphenyl-d14	19.36	244	616600	90.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	41945m	35.25	ng		
3) Pyridine	3.11	79	115067	34.44	ng		95
4) n-Nitrosodimethylamine	3.05	42	44396	45.53	ng	#	77
6) Aniline	6.60	93	142017	26.93	ng		97
8) 2-Chlorophenol	6.83	128	164103	46.46	ng		96
9) Benzaldehyde	6.42	77	5161	2.32	ng		92
10) Phenol	6.51	94	190804	47.70	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	134183	42.05	ng		97
12) 1,3-Dichlorobenzene	7.14	146	152320	40.48	ng		96
13) 1,4-Dichlorobenzene	7.30	146	159863	41.57	ng		98
14) 1,2-Dichlorobenzene	7.61	146	155689	42.26	ng		99
15) Benzyl Alcohol	7.52	79	115865	47.67	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.81	45	139607	49.56	ng		97
17) 2-Methylphenol	7.74	107	133097	46.19	ng		96
18) Hexachloroethane	8.32	117	60184	44.37	ng		96
19) n-Nitroso-di-n-propylamine	8.08	70	102985	41.32	ng		95
20) 3+4-Methylphenols	8.08	107	181721	45.91	ng	#	76
22) Acetophenone	8.09	105	211481	45.72	ng	#	95
24) Nitrobenzene	8.47	77	147878	44.23	ng		94
25) Isophorone	8.98	82	292699	41.54	ng		97
26) 2-Nitrophenol	9.17	139	87430	41.23	ng		95
27) 2,4-Dimethylphenol	9.26	122	155188	44.24	ng		96
28) bis(2-Chloroethoxy)methane	9.48	93	184985	45.04	ng		98
29) 2,4-Dichlorophenol	9.71	162	140110	45.96	ng		95
30) 1,2,4-Trichlorobenzene	9.90	180	131838	40.85	ng		98
31) Naphthalene	10.08	128	476196	41.39	ng		99
32) Benzoic acid	9.43	122	56464	32.46	ng		93
33) 4-Chloroaniline	10.22	127	66795	13.37	ng		96
34) Hexachlorobutadiene	10.37	225	61189	41.79	ng		95
35) Caprolactam	10.99	113	61453	36.76	ng		89
36) 4-Chloro-3-methylphenol	11.38	107	144643	42.11	ng		98
37) 2-Methylnaphthalene	11.71	142	350677	41.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.10	216	129990	45.83	ng		98
40) Hexachlorocyclopentadiene	12.07	237	98392	96.44	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	91301	42.58	ng		98
43) 2,4,5-Trichlorophenol	12.45	196	96431	44.32	ng		94
45) 1,1'-Biphenyl	12.77	154	433089	47.20	ng		99
46) 2-Chloronaphthalene	12.80	162	328071	46.33	ng		98
47) 2-Nitroaniline	13.03	65	85296	48.24	ng		86
48) Acenaphthylene	13.66	152	550388	43.72	ng		99
49) Dimethylphthalate	13.42	163	376477	42.06	ng		99
50) 2,6-Dinitrotoluene	13.55	165	91175	41.60	ng	#	89
51) Acenaphthene	14.01	154	326447	43.59	ng		97
52) 3-Nitroaniline	13.88	138	67617	27.30	ng		99
53) 2,4-Dinitrophenol	14.10	184	92897	80.91	ng		95
54) Dibenzofuran	14.35	168	480342	45.03	ng		97
55) 4-Nitrophenol	14.23	139	153349	86.21	ng		87
56) 2,4-Dinitrotoluene	14.35	165	126329	42.32	ng	#	79
57) Fluorene	15.00	166	415290	44.31	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.59	232	77516	46.90	ng		98
59) Diethylphthalate	14.80	149	379803	41.03	ng		98
60) 4-Chlorophenyl-phenylether	15.00	204	172470	43.58	ng		96
61) 4-Nitroaniline	15.06	138	99158	39.66	ng		92
62) Azobenzene	15.30	77	381070	49.76	ng		94
64) 4,6-Dinitro-2-methylphenol	15.12	198	63349	58.94	ng		93
65) n-Nitrosodiphenylamine	15.23	169	351977	66.21	ng		97
66) 4-Bromophenyl-phenylether	15.90	248	87133	66.17	ng		99
67) Hexachlorobenzene	16.01	284	68905	50.02	ng		93
68) Atrazine	16.19	200	65632	42.41	ng		96
69) Pentachlorophenol	16.37	266	59696	88.08	ng		99
70) Phenanthrene	16.74	178	399885	45.09	ng		99
71) Anthracene	16.83	178	412157	46.47	ng		99
72) Carbazole	17.12	167	422394	48.69	ng		99
73) Di-n-butylphthalate	17.69	149	511183	47.64	ng		98
74) Fluoranthene	18.77	202	431701	45.28	ng		99
76) Benzidine	18.98	184	111439	17.70	ng		100
77) Pyrene	19.14	202	459270	42.92	ng		99
79) Butylbenzylphthalate	20.07	149	243249	45.62	ng		94
80) Benzo(a)anthracene	20.90	228	421257	44.56	ng		98
81) 3,3'-Dichlorobenzidine	20.84	252	110982	34.49	ng		99
82) Chrysene	20.95	228	398156	44.53	ng		99
83) Bis(2-ethylhexyl)phthalate	20.85	149	339423	45.24	ng		95
84) Di-n-octyl phthalate	21.68	149	579394	45.69	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.03	276	606179	59.55	ng		98
87) Benzo(b)fluoranthene	22.37	252	518699	43.17	ng		99
88) Benzo(k)fluoranthene	22.41	252	535597	45.52	ng		99
89) Benzo(a)pyrene	22.90	252	520793	45.77	ng		100
90) Dibenzo(a,h)anthracene	25.05	278	503729	43.89	ng		98
91) Benzo(g,h,i)perylene	25.66	276	500110	43.35	ng		97

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

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