Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026004.D
Acq On : 28 Feb 2017 19:38
Operator : SJ/MA
Sample : I2006-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C19013051MSD

Manual Integrations APPROVED
mohammad
3/1/2017 3:07:14 PM

Quant Time: Mar 01 01:23:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	90852	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	453185	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	308476	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	751327	20.00	ng		0.00
75) Chrysene-d12	21.66	240	726543	20.00	ng		-0.02
86) Perylene-d12	24.86	264	715434	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	441011	84.51	ng		-0.01
7) Phenol-d6	7.23	99	408327	52.88	ng		0.00
23) Nitrobenzene-d5	9.23	82	756410	105.33	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	562216	197.27	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1989801	112.71	ng		-0.01
78) Terphenyl-d14	20.00	244	2466428	82.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	42162	17.68	ng	#	84
3) Pyridine	3.93	79	79631	11.20	ng	#	73
4) n-Nitrosodimethylamine	3.84	42	51246	20.05	ng	#	40
6) Aniline	7.39	93	126183	11.75	ng	#	91
8) 2-Chlorophenol	7.64	128	280333	45.20	ng		89
9) Benzaldehyde	7.21	77	86136	18.82	ng		81
10) Phenol	7.26	94	148105	17.65	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	305370	44.27	ng		89
12) 1,3-Dichlorobenzene	7.97	146	302040	42.13	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	307679	42.37	ng		95
14) 1,2-Dichlorobenzene	8.43	146	304227	42.67	ng		93
15) Benzyl Alcohol	8.30	79	188625	33.36	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	409372	40.90	ng		91
17) 2-Methylphenol	8.51	107	217840	36.04	ng	#	83
18) Hexachloroethane	9.16	117	106840	44.39	ng		84
19) n-Nitroso-di-n-propylamine	8.87	70	270429	47.95	ng	#	80
20) 3+4-Methylphenols	8.83	107	284704	33.06	ng		87
22) Acetophenone	8.89	105	520920	47.90	ng	#	80
24) Nitrobenzene	9.27	77	381351	49.11	ng	#	80
25) Isophorone	9.80	82	775787	49.09	ng	#	91
26) 2-Nitrophenol	9.98	139	198991	54.80	ng	#	69
27) 2,4-Dimethylphenol	10.04	122	331361	48.89	ng		90
28) bis(2-Chloroethoxy)methane	10.27	93	472266	47.16	ng		99
29) 2,4-Dichlorophenol	10.52	162	355637	54.98	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	328488	46.69	ng		98
31) Naphthalene	10.93	128	1103069	47.08	ng		100
32) Benzoic acid	10.12	122	92294	17.84	ng	#	74
33) 4-Chloroaniline	11.02	127	65953	6.48	ng	#	85
34) Hexachlorobutadiene	11.22	225	177328	44.30	ng		98
35) Caprolactam	11.79	113	73685m	28.21	ng		
36) 4-Chloro-3-methylphenol	12.14	107	402915	52.06	ng	#	80
37) 2-Methylnaphthalene	12.52	142	922834	51.71	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	407525	52.71	ng		97
40) Hexachlorocyclopentadiene	12.87	237	399926	94.53	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	320032	64.09	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	342546	60.43	ng		93
45) 1,1'-Biphenyl	13.52	154	1201424	53.74	ng		99
46) 2-Chloronaphthalene	13.56	162	889417	55.04	ng		99
47) 2-Nitroaniline	13.76	65	320677	62.56	ng	#	73
48) Acenaphthylene	14.40	152	1560423	54.23	ng		99
49) Dimethylphthalate	14.13	163	1291085	61.01	ng		98
50) 2,6-Dinitrotoluene	14.24	165	293918	61.83	ng	#	72
51) Acenaphthene	14.74	154	1062790	55.93	ng		99
52) 3-Nitroaniline	14.57	138	46680	8.78	ng	#	73
53) 2,4-Dinitrophenol	14.78	184	356421	143.28	ng		92
54) Dibenzofuran	15.08	168	1538655	60.73	ng		92
55) 4-Nitrophenol	14.87	139	220445	50.94	ng	#	49
56) 2,4-Dinitrotoluene	15.03	165	416330	65.10	ng	#	80
57) Fluorene	15.72	166	1310014	57.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	331430	66.28	ng		97
59) Diethylphthalate	15.48	149	1295734	59.20	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	586789	55.94	ng		95
61) 4-Nitroaniline	15.73	138	291856	52.95	ng	#	57
62) Azobenzene	16.00	77	1200656	63.81	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	244551	55.62	ng		90
65) n-Nitrosodiphenylamine	15.92	169	1142500	50.14	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	399108	50.68	ng		98
67) Hexachlorobenzene	16.72	284	403242	49.68	ng		95
68) Atrazine	16.86	200	373851	46.36	ng		96
69) Pentachlorophenol	17.06	266	516296	103.13	ng		97
70) Phenanthrene	17.45	178	1972069	48.35	ng		97
71) Anthracene	17.55	178	2023895	48.67	ng		99
72) Carbazole	17.81	167	1838332	44.01	ng		98
73) Di-n-butylphthalate	18.36	149	2161703	52.72	ng	#	95
74) Fluoranthene	19.45	202	2101164	46.79	ng		95
76) Benzidine	19.66	184	138505	6.04	ng		96
77) Pyrene	19.81	202	2107834	45.87	ng		99
79) Butylbenzylphthalate	20.68	149	961181	55.12	ng		91
80) Benzo(a)anthracene	21.64	228	2035195	47.98	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	351198	23.22	ng	#	98
82) Chrysene	21.71	228	1868410	45.80	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1365036	54.21	ng		98
84) Di-n-octyl phthalate	22.75	149	2338999	56.25	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2465656	51.32	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	2077824	48.49	ng	#	96
88) Benzo(k)fluoranthene	23.92	252	2060189	49.28	ng	#	93
89) Benzo(a)pyrene	24.71	252	2011027	49.56	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	2028586	49.77	ng	#	92
91) Benzo(g,h,i)perylene	29.65	276	2052246	50.22	ng	#	88

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

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