Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026003.D
Acq On : 28 Feb 2017 18:59
Operator : SJ/MA
Sample : I2006-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C19013051MS

Manual Integrations APPROVED
mohammad
3/1/2017 3:07:11 PM

Quant Time: Mar 01 01:21:40 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	8.07	152	93347	20.00	ng		-0.02
21) Naphthalene-d8	10.88	136	467900	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	319711	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	768029	20.00	ng		0.00
75) Chrysene-d12	21.66	240	746204	20.00	ng		-0.02
86) Perylene-d12	24.85	264	743807	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	515532	96.15	ng		0.00
7) Phenol-d6	7.23	99	491024	61.89	ng		0.00
23) Nitrobenzene-d5	9.23	82	811753	109.48	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	592146	200.47	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	2108382	115.23	ng		0.00
78) Terphenyl-d14	20.01	244	2663084	86.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50455	20.59	ng	#	84
3) Pyridine	3.94	79	125330	17.16	ng	#	76
4) n-Nitrosodimethylamine	3.84	42	62449	23.78	ng	#	35
6) Aniline	7.40	93	335970	30.46	ng	#	93
8) 2-Chlorophenol	7.64	128	300117	47.10	ng		88
9) Benzaldehyde	7.21	77	105089	22.35	ng	#	77
10) Phenol	7.26	94	173890	20.17	ng		77
11) bis(2-Chloroethyl)ether	7.49	93	325847	45.98	ng		87
12) 1,3-Dichlorobenzene	7.97	146	324809	44.10	ng	#	86
13) 1,4-Dichlorobenzene	8.11	146	329527	44.16	ng		94
14) 1,2-Dichlorobenzene	8.43	146	329566	44.99	ng		92
15) Benzyl Alcohol	8.31	79	229222	39.45	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	437212	42.51	ng		90
17) 2-Methylphenol	8.51	107	248930	40.08	ng	#	84
18) Hexachloroethane	9.17	117	114308	46.22	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	293073	50.58	ng	#	81
20) 3+4-Methylphenols	8.84	107	322306	36.42	ng		89
22) Acetophenone	8.90	105	555830	49.51	ng	#	80
24) Nitrobenzene	9.28	77	406906	50.75	ng	#	82
25) Isophorone	9.80	82	839583	51.46	ng	#	93
26) 2-Nitrophenol	9.98	139	212706	56.73	ng	#	72
27) 2,4-Dimethylphenol	10.04	122	355174	50.76	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	511252	49.44	ng		99
29) 2,4-Dichlorophenol	10.52	162	379011	56.75	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	350532	48.26	ng		99
31) Naphthalene	10.93	128	1172251	48.46	ng		99
32) Benzoic acid	10.14	122	110774	20.73	ng	#	77
33) 4-Chloroaniline	11.03	127	288899	27.50	ng	#	85
34) Hexachlorobutadiene	11.22	225	187746	45.42	ng		97
35) Caprolactam	11.80	113	99323m	36.83	ng		
36) 4-Chloro-3-methylphenol	12.14	107	431799	54.04	ng		87
37) 2-Methylnaphthalene	12.52	142	991384	53.81	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	428909	53.53	ng		99
40) Hexachlorocyclopentadiene	12.87	237	424572	96.83	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	337517	65.22	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	356340	60.65	ng		94
45) 1,1'-Biphenyl	13.52	154	1280824	55.28	ng		99
46) 2-Chloronaphthalene	13.57	162	942405	56.27	ng		99
47) 2-Nitroaniline	13.75	65	351591	66.18	ng	#	74
48) Acenaphthylene	14.41	152	1652801	55.42	ng		99
49) Dimethylphthalate	14.13	163	1298224	59.19	ng		98
50) 2,6-Dinitrotoluene	14.25	165	309137	62.75	ng	#	71
51) Acenaphthene	14.75	154	1099993	55.85	ng		99
52) 3-Nitroaniline	14.58	138	226938	41.18	ng	#	72
53) 2,4-Dinitrophenol	14.78	184	373947	145.04	ng	#	88
54) Dibenzofuran	15.08	168	1624392	61.86	ng		93
55) 4-Nitrophenol	14.88	139	262372	58.50	ng	#	48
56) 2,4-Dinitrotoluene	15.03	165	446200	67.32	ng	#	80
57) Fluorene	15.72	166	1361423	58.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	352235	67.96	ng		98
59) Diethylphthalate	15.49	149	1365514	60.19	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	616576	56.71	ng		94
61) 4-Nitroaniline	15.73	138	347253	60.78	ng	#	56
62) Azobenzene	16.00	77	1257467	64.48	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	258502	57.51	ng		93
65) n-Nitrosodiphenylamine	15.92	169	1208457	51.88	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	417914	51.92	ng		97
67) Hexachlorobenzene	16.73	284	423769	51.08	ng		94
68) Atrazine	16.86	200	426560	51.74	ng		97
69) Pentachlorophenol	17.06	266	535247	104.59	ng		99
70) Phenanthrene	17.45	178	2062825	49.48	ng		98
71) Anthracene	17.54	178	2132034	50.16	ng		98
72) Carbazole	17.81	167	1964502	46.01	ng		97
73) Di-n-butylphthalate	18.36	149	2259701	53.91	ng	#	95
74) Fluoranthene	19.45	202	2242349	48.85	ng		95
76) Benzidine	19.62	184	697921	29.63	ng		98
77) Pyrene	19.81	202	2244836	47.57	ng		100
79) Butylbenzylphthalate	20.69	149	1023169	57.13	ng		88
80) Benzo(a)anthracene	21.64	228	2158191	49.54	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	583863	37.59	ng	#	96
82) Chrysene	21.70	228	1986305	47.41	ng		100
83) Bis(2-ethylhexyl)phthalate	21.54	149	1441665	55.75	ng	#	98
84) Di-n-octyl phthalate	22.74	149	2480681	58.09	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2639264	53.49	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	2250538	50.52	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	2163970	49.79	ng	#	94
89) Benzo(a)pyrene	24.71	252	2162450	51.26	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	2171506	51.24	ng	#	93
91) Benzo(g,h,i)perylene	29.66	276	2207083	51.94	ng	#	88

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

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