Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025981.D
Acq On : 28 Feb 2017 2:24
Operator : SJ/MA
Sample : I1998-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMSD

Manual Integrations APPROVED
mohammad
3/1/2017 12:37:50 PM

Quant Time: Feb 28 04:35:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	88984	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	449041	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	333276	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	863814	20.00	ng		0.00
75) Chrysene-d12	21.66	240	848868	20.00	ng		-0.02
86) Perylene-d12	24.86	264	837202	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	748273	146.40	ng		0.00
7) Phenol-d6	7.23	99	1014897	134.19	ng		0.00
23) Nitrobenzene-d5	9.23	82	652324	91.68	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	594186	192.97	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1858204	97.43	ng		-0.01
78) Terphenyl-d14	20.00	244	2767126	79.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	71079	30.43	ng	#	62
3) Pyridine	3.94	79	216495	31.10	ng	#	74
4) n-Nitrosodimethylamine	3.84	42	90167	36.02	ng	#	30
6) Aniline	7.40	93	265658	25.26	ng		91
8) 2-Chlorophenol	7.64	128	292632	48.17	ng		87
9) Benzaldehyde	7.21	77	82755	18.47	ng	#	74
10) Phenol	7.26	94	353435	43.00	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	267860	39.65	ng		88
12) 1,3-Dichlorobenzene	7.97	146	280254	39.91	ng	#	87
13) 1,4-Dichlorobenzene	8.12	146	291228m	40.94	ng		
14) 1,2-Dichlorobenzene	8.43	146	286266	40.99	ng	#	91
15) Benzyl Alcohol	8.31	79	279483	50.46	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	349354	35.64	ng		90
17) 2-Methylphenol	8.51	107	273955	46.27	ng	#	83
18) Hexachloroethane	9.16	117	95753	40.62	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	239574	43.37	ng	#	81
20) 3+4-Methylphenols	8.84	107	394370	46.75	ng		86
22) Acetophenone	8.89	105	462546	42.93	ng	#	80
24) Nitrobenzene	9.27	77	332965	43.27	ng	#	80
25) Isophorone	9.80	82	711055	45.41	ng	#	92
26) 2-Nitrophenol	9.98	139	180861	50.26	ng	#	70
27) 2,4-Dimethylphenol	10.04	122	341114	50.79	ng		85
28) bis(2-Chloroethoxy)methane	10.28	93	423221	42.65	ng		98
29) 2,4-Dichlorophenol	10.52	162	344347	53.72	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	301408	43.24	ng		99
31) Naphthalene	10.93	128	1074510	46.28	ng		99
32) Benzoic acid	10.16	122	265303	51.74	ng	#	74
33) 4-Chloroaniline	11.03	127	53117	5.27	ng	#	81
34) Hexachlorobutadiene	11.22	225	164190	41.39	ng		98
35) Caprolactam	11.79	113	126261m	48.78	ng		
36) 4-Chloro-3-methylphenol	12.14	107	425299	55.46	ng	#	81
37) 2-Methylnaphthalene	12.52	142	834634	47.20	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	365604	43.77	ng		99
40) Hexachlorocyclopentadiene	12.87	237	396978	86.85	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	313896	58.18	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	337431	55.10	ng	#	93
45) 1,1'-Biphenyl	13.52	154	1124792	46.57	ng		99
46) 2-Chloronaphthalene	13.56	162	842176	48.23	ng		97
47) 2-Nitroaniline	13.76	65	308023	55.62	ng	#	69
48) Acenaphthylene	14.40	152	1499265	48.22	ng		100
49) Dimethylphthalate	14.13	163	1227149	53.67	ng		99
50) 2,6-Dinitrotoluene	14.25	165	292203	56.89	ng	#	66
51) Acenaphthene	14.74	154	998035	48.61	ng		98
52) 3-Nitroaniline	14.57	138	144624	25.17	ng	#	72
53) 2,4-Dinitrophenol	14.78	184	365243	135.90	ng		88
54) Dibenzofuran	15.08	168	1477187	53.97	ng		90
55) 4-Nitrophenol	14.88	139	507809	108.61	ng	#	48
56) 2,4-Dinitrotoluene	15.03	165	428147	61.96	ng	#	77
57) Fluorene	15.72	166	1254437	51.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	339732	62.88	ng		97
59) Diethylphthalate	15.49	149	1308873	55.35	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	592889	52.31	ng		92
61) 4-Nitroaniline	15.73	138	336478	56.50	ng	#	56
62) Azobenzene	16.00	77	1163254	57.22	ng		85
64) 4,6-Dinitro-2-methylphenol	15.80	198	257585	50.96	ng		90
65) n-Nitrosodiphenylamine	15.92	169	1152815	44.01	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	403665	44.59	ng		98
67) Hexachlorobenzene	16.72	284	416553	44.64	ng		97
68) Atrazine	16.86	200	427236	46.08	ng		97
69) Pentachlorophenol	17.06	266	554296	96.30	ng		97
70) Phenanthrene	17.45	178	2025357	43.19	ng		99
71) Anthracene	17.55	178	2089693	43.71	ng		99
72) Carbazole	17.80	167	1956227	40.73	ng		98
73) Di-n-butylphthalate	18.36	149	2264982	48.04	ng	#	95
74) Fluoranthene	19.45	202	2245350	43.49	ng		95
76) Benzidine	19.62	184	372126	13.89	ng		97
77) Pyrene	19.81	202	2239896	41.72	ng		100
79) Butylbenzylphthalate	20.69	149	1011578	49.65	ng		85
80) Benzo(a)anthracene	21.64	228	2151978	43.42	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	498968	28.24	ng	#	95
82) Chrysene	21.71	228	1978886	41.52	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1414599	48.09	ng		98
84) Di-n-octyl phthalate	22.75	149	2450204	50.43	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.52	276	2626204	46.78	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	2273853	45.35	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	2132894	43.60	ng	#	94
89) Benzo(a)pyrene	24.71	252	2157257	45.44	ng	#	93
90) Dibenzo(a,h)anthracene	28.57	278	2166454	45.42	ng	#	92
91) Benzo(g,h,i)perylene	29.66	276	2164141	45.25	ng	#	89

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

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