Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
Data File : BG026372.D
Acq On : 22 Mar 2017 11:22
Operator : SJ/MA
Sample : I2304-11MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPA-B6(0-5)MS

Manual Integrations APPROVED
mohammad
3/23/2017 2:06:51 PM

Quant Time: Mar 22 19:13:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	135688	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	646398	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	406857	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	876147	20.00	ng		0.00
75) Chrysene-d12	21.64	240	905615	20.00	ng		0.00
86) Perylene-d12	24.82	264	894068	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1143975	149.64	ng		0.00
7) Phenol-d6	7.22	99	1616127	157.47	ng		0.01
23) Nitrobenzene-d5	9.21	82	891102	82.89	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	674070	144.67	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	2261355	77.95	ng		0.00
78) Terphenyl-d14	19.98	244	2703737	72.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	112518	32.79	ng	#	71
3) Pyridine	3.90	79	323161	34.39	ng	#	62
4) n-Nitrosodimethylamine	3.82	42	105452	41.06	ng	#	1
6) Aniline	7.38	93	392759	28.65	ng	#	87
8) 2-Chlorophenol	7.62	128	480438	55.81	ng	#	81
9) Benzaldehyde	7.18	77	181074	26.13	ng	#	69
10) Phenol	7.24	94	713681	65.16	ng	#	71
11) bis(2-Chloroethyl)ether	7.46	93	435136	48.45	ng		83
12) 1,3-Dichlorobenzene	7.94	146	487301	47.55	ng	#	86
13) 1,4-Dichlorobenzene	8.09	146	494182	47.67	ng	#	94
14) 1,2-Dichlorobenzene	8.40	146	488209	49.21	ng	#	90
15) Benzyl Alcohol	8.28	79	381584	56.71	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	437301	43.85	ng		81
17) 2-Methylphenol	8.49	107	433537	55.74	ng	#	81
18) Hexachloroethane	9.13	117	164097	48.41	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	334967	50.77	ng	#	69
20) 3+4-Methylphenols	8.82	107	612458	57.19	ng		86
22) Acetophenone	8.87	105	708478	47.66	ng	#	74
24) Nitrobenzene	9.25	77	479946	45.22	ng	#	72
25) Isophorone	9.77	82	975814	48.16	ng	#	89
26) 2-Nitrophenol	9.96	139	294980	53.41	ng	#	64
27) 2,4-Dimethylphenol	10.02	122	505140	55.72	ng		86
28) bis(2-Chloroethoxy)methane	10.25	93	638252	48.49	ng		97
29) 2,4-Dichlorophenol	10.50	162	536732	58.54	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	529196	51.38	ng		98
31) Naphthalene	10.90	128	1551377	47.47	ng		99
32) Benzoic acid	10.08	122	27593	3.96	ng	#	53
33) 4-Chloroaniline	11.00	127	274569	20.65	ng	#	81
34) Hexachlorobutadiene	11.19	225	296555	48.80	ng		96
35) Caprolactam	11.77	113	187430m	51.88	ng		
36) 4-Chloro-3-methylphenol	12.12	107	551769	56.26	ng	#	76
37) 2-Methylnaphthalene	12.49	142	1252558	52.32	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	592529	48.40	ng		98
40) Hexachlorocyclopentadiene	12.85	237	564100	87.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	439530	54.84	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	465757	52.57	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1584946	47.04	ng		99
46) 2-Chloronaphthalene	13.54	162	1204516	48.95	ng		97
47) 2-Nitroaniline	13.74	65	329511	47.08	ng	#	51
48) Acenaphthylene	14.38	152	1948157	45.41	ng		99
49) Dimethylphthalate	14.11	163	1701069	55.39	ng		99
50) 2,6-Dinitrotoluene	14.23	165	367338	51.25	ng	#	60
51) Acenaphthene	14.72	154	1244505	47.11	ng		98
52) 3-Nitroaniline	14.56	138	255542	32.38	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	107336	25.82	ng	#	77
54) Dibenzofuran	15.06	168	1872248	50.34	ng		90
55) 4-Nitrophenol	14.87	139	571120	88.38	ng	#	39
56) 2,4-Dinitrotoluene	15.01	165	508406	50.43	ng	#	68
57) Fluorene	15.70	166	1531986	46.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	408321	52.84	ng		98
59) Diethylphthalate	15.46	149	1498063	47.73	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	768028	48.96	ng		89
61) 4-Nitroaniline	15.71	138	367760	44.05	ng	#	50
62) Azobenzene	15.98	77	1250156	48.99	ng		79
64) 4,6-Dinitro-2-methylphenol	15.78	198	226967	41.09	ng		83
65) n-Nitrosodiphenylamine	15.90	169	1358954	52.85	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	490159	54.35	ng		94
67) Hexachlorobenzene	16.71	284	505950	52.60	ng		89
68) Atrazine	16.84	200	479367	49.24	ng		97
69) Pentachlorophenol	17.04	266	554573	88.67	ng		94
70) Phenanthrene	17.43	178	2225233	47.30	ng		99
71) Anthracene	17.52	178	2277556	47.45	ng		97
72) Carbazole	17.79	167	2105245	42.59	ng		97
73) Di-n-butylphthalate	18.33	149	2315617	45.60	ng	#	95
74) Fluoranthene	19.43	202	2377148	42.97	ng		96
76) Benzidine	19.60	184	737538	23.62	ng		99
77) Pyrene	19.79	202	2393969	45.65	ng		98
79) Butylbenzylphthalate	20.67	149	1075729	51.27	ng	#	84
80) Benzo(a)anthracene	21.62	228	2349453	46.10	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	441194	21.15	ng	#	99
82) Chrysene	21.68	228	2166889	44.50	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1601397	50.53	ng		96
84) Di-n-octyl phthalate	22.71	149	2667371	49.32	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.46	276	2887325	48.03	ng	#	88
87) Benzo(b)fluoranthene	23.82	252	2462081	46.71	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	2385026	46.66	ng	#	94
89) Benzo(a)pyrene	24.67	252	2381313	47.11	ng	#	96
90) Dibenzo(a,h)anthracene	28.52	278	2397855	46.94	ng	#	93
91) Benzo(g,h,i)perylene	29.60	276	2378403	46.20	ng	#	88

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

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