Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
Data File : BG025772.D
Acq On : 3 Feb 2017 00:14
Operator : SJ/MA
Sample : I1644-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-B1-B2-001MS

Manual Integrations APPROVED
mohammad
2/3/2017 1:58:21 PM

Quant Time: Feb 03 01:30:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67917	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	297738	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	231106	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	560371	20.00	ng		0.00
75) Chrysene-d12	21.83	240	712641	20.00	ng		0.00
86) Perylene-d12	25.20	264	733490	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	610340	161.06	ng		0.00
7) Phenol-d6	7.33	99	816947	147.60	ng		0.00
23) Nitrobenzene-d5	9.35	82	698191	99.08	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	503647	152.81	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1386961	97.47	ng		0.00
78) Terphenyl-d14	20.12	244	2557100	86.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	62630	36.45	ng	#	47
3) Pyridine	3.97	79	148544	31.86	ng		95
4) n-Nitrosodimethylamine	3.87	42	138422	51.61	ng	#	98
6) Aniline	7.49	93	205080	26.30	ng		97
8) 2-Chlorophenol	7.73	128	217659	50.60	ng		93
9) Benzaldehyde	7.31	77	124999	26.62	ng		92
10) Phenol	7.36	94	288378	46.36	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	235879	47.96	ng		94
12) 1,3-Dichlorobenzene	8.05	146	228208	43.38	ng		97
13) 1,4-Dichlorobenzene	8.20	146	232795	43.53	ng		95
14) 1,2-Dichlorobenzene	8.52	146	224919	43.89	ng		92
15) Benzyl Alcohol	8.41	79	253562	52.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	476623	47.99	ng		98
17) 2-Methylphenol	8.62	107	204110	48.03	ng		94
18) Hexachloroethane	9.25	117	92694	42.56	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	237630	48.66	ng		97
20) 3+4-Methylphenols	8.95	107	290113	50.03	ng		97
22) Acetophenone	9.00	105	370544	45.46	ng	#	97
24) Nitrobenzene	9.39	77	346855	45.08	ng		99
25) Isophorone	9.91	82	624535	45.49	ng		95
26) 2-Nitrophenol	10.11	139	132425	48.57	ng		92
27) 2,4-Dimethylphenol	10.16	122	238505	50.23	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	345053	47.48	ng		100
29) 2,4-Dichlorophenol	10.65	162	252874	51.89	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	263325	46.46	ng		91
31) Naphthalene	11.04	128	703479	45.51	ng		98
32) Benzoic acid	10.32	122	104095	36.20	ng		87
33) 4-Chloroaniline	11.17	127	55042	8.57	ng	#	91
34) Hexachlorobutadiene	11.30	225	187549	40.67	ng		98
35) Caprolactam	11.96	113	74555m	35.91	ng		
36) 4-Chloro-3-methylphenol	12.28	107	298132	50.22	ng		94
37) 2-Methylnaphthalene	12.64	142	566371	47.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	339241	43.83	ng		98
40) Hexachlorocyclopentadiene	12.95	237	225644	76.07	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	226475	49.99	ng		97
43) 2,4,5-Trichlorophenol	13.34	196	230124	47.05	ng		98
45) 1,1'-Biphenyl	13.63	154	770728	47.94	ng		97
46) 2-Chloronaphthalene	13.68	162	602273	47.70	ng		99
47) 2-Nitroaniline	13.90	65	267397	49.21	ng		100
48) Acenaphthylene	14.52	152	954712	45.46	ng		98
49) Dimethylphthalate	14.24	163	807400	46.39	ng		99
50) 2,6-Dinitrotoluene	14.38	165	184197	46.74	ng		97
51) Acenaphthene	14.86	154	605567	46.66	ng		96
52) 3-Nitroaniline	14.73	138	87204	23.47	ng		94
53) 2,4-Dinitrophenol	14.95	184	216335	90.36	ng	#	87
54) Dibenzofuran	15.19	168	998715	50.93	ng		96
55) 4-Nitrophenol	15.05	139	251713	87.07	ng		86
56) 2,4-Dinitrotoluene	15.18	165	281886	48.88	ng	#	85
57) Fluorene	15.84	166	815802	46.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	231374	50.62	ng		98
59) Diethylphthalate	15.59	149	854751	46.33	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	438522	46.43	ng		95
61) 4-Nitroaniline	15.89	138	178599	47.86	ng		96
62) Azobenzene	16.12	77	1020518	54.35	ng		98
64) 4,6-Dinitro-2-methylphenol	15.95	198	171206	42.99	ng		81
65) n-Nitrosodiphenylamine	16.05	169	759992	47.24	ng		97
66) 4-Bromophenyl-phenylether	16.71	248	312432	45.84	ng		94
67) Hexachlorobenzene	16.84	284	342502	44.69	ng		94
68) Atrazine	16.98	200	300194	37.80	ng		97
69) Pentachlorophenol	17.20	266	323120	95.95	ng		98
70) Phenanthrene	17.58	178	1427216	46.87	ng		97
71) Anthracene	17.68	178	1482639	47.21	ng		99
72) Carbazole	17.95	167	1342112	44.13	ng		97
73) Di-n-butylphthalate	18.46	149	1611877	45.81	ng		96
74) Fluoranthene	19.59	202	1830895	43.87	ng		98
76) Benzidine	19.78	184	218020	8.91	ng	#	95
77) Pyrene	19.95	202	1876594	47.27	ng		99
79) Butylbenzylphthalate	20.80	149	812046	49.27	ng		99
80) Benzo(a)anthracene	21.81	228	1991660	47.19	ng		98
81) 3,3'-Dichlorobenzidine	21.71	252	432190	26.09	ng		95
82) Chrysene	21.88	228	1812333	45.43	ng		100
83) Bis(2-ethylhexyl)phthalate	21.65	149	1160868	50.57	ng		98
84) Di-n-octyl phthalate	22.90	149	1943890	52.13	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2356171	48.45	ng	#	77
87) Benzo(b)fluoranthene	24.13	252	1989910	46.94	ng	#	98
88) Benzo(k)fluoranthene	24.19	252	1952179	47.05	ng	#	98
89) Benzo(a)pyrene	25.05	252	1935329	47.99	ng	#	97
90) Dibenzo(a,h)anthracene	29.15	278	1970879	47.26	ng		96
91) Benzo(g,h,i)perylene	30.34	276	1959358	47.28	ng	#	97

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

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