Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
Data File : BG025811.D
Acq On : 6 Feb 2017 20:44
Operator : SJ/MA
Sample : I1690-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-6-COMPMS

Manual Integrations APPROVED
mohammad
2/7/2017 3:15:52 PM

Quant Time: Feb 07 02:43:34 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	8.15	152	82697	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	370978	20.00	ng		-0.01
38) Acenaphthene-d10	14.79	164	296759	20.00	ng		-0.01
63) Phenanthrene-d10	17.53	188	670260	20.00	ng		-0.01
75) Chrysene-d12	21.82	240	815871	20.00	ng		-0.02
86) Perylene-d12	25.18	264	823243	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	683294	148.08	ng		-0.01
7) Phenol-d6	7.32	99	979022	145.27	ng		0.00
23) Nitrobenzene-d5	9.34	82	803637	91.53	ng		-0.01
41) 2,4,6-Tribromophenol	16.28	330	578560	136.71	ng		-0.01
44) 2-Fluorobiphenyl	13.41	172	1603264	87.74	ng		-0.01
78) Terphenyl-d14	20.12	244	2806544	83.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	66294	31.69	ng	#	57
3) Pyridine	3.95	79	219555	38.68	ng		96
4) n-Nitrosodimethylamine	3.86	42	167331	51.24	ng		95
6) Aniline	7.48	93	347694	36.62	ng		95
8) 2-Chlorophenol	7.72	128	255820	48.84	ng		93
9) Benzaldehyde	7.30	77	125897	22.02	ng		94
10) Phenol	7.34	94	363679	48.01	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	261299	43.63	ng		97
12) 1,3-Dichlorobenzene	8.04	146	250364	39.09	ng		98
13) 1,4-Dichlorobenzene	8.18	146	254339	39.06	ng		95
14) 1,2-Dichlorobenzene	8.51	146	256258	41.07	ng		94
15) Benzyl Alcohol	8.41	79	320978	55.08	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	571792	47.29	ng		97
17) 2-Methylphenol	8.61	107	247754	47.88	ng		98
18) Hexachloroethane	9.24	117	103684	39.10	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	295186	49.64	ng		99
20) 3+4-Methylphenols	8.94	107	351257	49.75	ng		96
22) Acetophenone	8.99	105	449392	44.24	ng	#	98
24) Nitrobenzene	9.38	77	415781	43.37	ng		99
25) Isophorone	9.89	82	783550	45.80	ng		98
26) 2-Nitrophenol	10.10	139	157425	46.34	ng		94
27) 2,4-Dimethylphenol	10.15	122	304814	51.52	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	440367	48.63	ng		98
29) 2,4-Dichlorophenol	10.65	162	313242	51.59	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	301387	42.67	ng		94
31) Naphthalene	11.03	128	828837	43.04	ng		98
32) Benzoic acid	10.32	122	104676	30.74	ng		98
33) 4-Chloroaniline	11.18	127	82868	10.35	ng	#	92
34) Hexachlorobutadiene	11.29	225	219034	38.12	ng		91
35) Caprolactam	11.95	113	112687m	43.56	ng		
36) 4-Chloro-3-methylphenol	12.27	107	372875	50.41	ng		97
37) 2-Methylnaphthalene	12.63	142	669716	45.04	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	400931	40.34	ng		98
40) Hexachlorocyclopentadiene	12.95	237	316355	82.08	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	284422	48.89	ng		96
43) 2,4,5-Trichlorophenol	13.33	196	290214	46.21	ng		98
45) 1,1'-Biphenyl	13.62	154	941710	45.62	ng		96
46) 2-Chloronaphthalene	13.67	162	734683	45.31	ng		98
47) 2-Nitroaniline	13.89	65	342695	49.12	ng		91
48) Acenaphthylene	14.51	152	1161994	43.09	ng		98
49) Dimethylphthalate	14.23	163	1022233	45.74	ng		100
50) 2,6-Dinitrotoluene	14.38	165	234862	46.41	ng		98
51) Acenaphthene	14.85	154	768483	46.11	ng		98
52) 3-Nitroaniline	14.72	138	118734	24.88	ng	#	91
53) 2,4-Dinitrophenol	14.94	184	219268	73.31	ng	#	87
54) Dibenzofuran	15.18	168	1211617	48.12	ng		99
55) 4-Nitrophenol	15.04	139	288495	78.32	ng		98
56) 2,4-Dinitrotoluene	15.18	165	343406	46.38	ng	#	77
57) Fluorene	15.83	166	1018856	45.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	294346	50.15	ng		96
59) Diethylphthalate	15.58	149	1105094	46.64	ng		97
60) 4-Chlorophenyl-phenylether	15.81	204	543503	44.81	ng		98
61) 4-Nitroaniline	15.89	138	205003	42.78	ng		91
62) Azobenzene	16.10	77	1262343	52.36	ng		98
64) 4,6-Dinitro-2-methylphenol	15.95	198	197906	41.55	ng		85
65) n-Nitrosodiphenylamine	16.03	169	922817	47.96	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	375329	46.04	ng		92
67) Hexachlorobenzene	16.84	284	406532	44.35	ng		94
68) Atrazine	16.97	200	313640	33.02	ng		97
69) Pentachlorophenol	17.19	266	371597	92.25	ng		97
70) Phenanthrene	17.58	178	1673667	45.95	ng		98
71) Anthracene	17.67	178	1739744	46.32	ng		99
72) Carbazole	17.95	167	1532574	42.13	ng		97
73) Di-n-butylphthalate	18.46	149	1888528	44.87	ng		98
74) Fluoranthene	19.58	202	2120608	42.48	ng		97
76) Benzidine	19.77	184	147046	5.25	ng	#	92
77) Pyrene	19.94	202	2148404	47.27	ng		99
79) Butylbenzylphthalate	20.79	149	938467	49.74	ng		97
80) Benzo(a)anthracene	21.80	228	2239510	46.35	ng		99
81) 3,3'-Dichlorobenzidine	21.70	252	402695	21.23	ng		98
82) Chrysene	21.87	228	2045431	44.79	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	1305375	49.67	ng		99
84) Di-n-octyl phthalate	22.88	149	2189852	51.30	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2565859	46.08	ng	#	93
87) Benzo(b)fluoranthene	24.11	252	2253782	47.36	ng	#	97
88) Benzo(k)fluoranthene	24.18	252	2177564	46.76	ng	#	96
89) Benzo(a)pyrene	25.04	252	2160201	47.73	ng	#	98
90) Dibenzo(a,h)anthracene	29.12	278	2135043	45.62	ng		98
91) Benzo(g,h,i)perylene	30.30	276	2134137	45.89	ng	#	94

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

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