Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
Data File : BG025812.D
Acq On : 6 Feb 2017 21:24
Operator : SJ/MA
Sample : I1690-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-6-COMPMSD

Manual Integrations APPROVED
mohammad
2/7/2017 3:15:56 PM

Quant Time: Feb 07 02:45:09 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	88956	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	378755	20.00	ng		-0.01
38) Acenaphthene-d10	14.79	164	299539	20.00	ng		-0.01
63) Phenanthrene-d10	17.53	188	658017	20.00	ng		-0.01
75) Chrysene-d12	21.82	240	781137	20.00	ng		-0.02
86) Perylene-d12	25.19	264	792541	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	484505	97.61	ng		-0.01
7) Phenol-d6	7.32	99	674746	93.08	ng		0.00
23) Nitrobenzene-d5	9.34	82	568276	63.39	ng		-0.01
41) 2,4,6-Tribromophenol	16.28	330	387130	90.62	ng		-0.01
44) 2-Fluorobiphenyl	13.41	172	1160784	62.94	ng		-0.01
78) Terphenyl-d14	20.12	244	2067255	63.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	52901	23.51	ng	#	43
3) Pyridine	3.95	79	159937	26.19	ng		92
4) n-Nitrosodimethylamine	3.86	42	119074	33.90	ng		99
6) Aniline	7.48	93	345836	33.86	ng		97
8) 2-Chlorophenol	7.72	128	179043	31.78	ng		98
9) Benzaldehyde	7.30	77	105846	17.21	ng		95
10) Phenol	7.35	94	236932	29.08	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	193516	30.04	ng		91
12) 1,3-Dichlorobenzene	8.04	146	181706	26.37	ng		99
13) 1,4-Dichlorobenzene	8.19	146	181687	25.94	ng		99
14) 1,2-Dichlorobenzene	8.51	146	175286	26.12	ng		99
15) Benzyl Alcohol	8.41	79	213694	34.09	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	380293	29.24	ng		98
17) 2-Methylphenol	8.61	107	175136	31.47	ng		90
18) Hexachloroethane	9.23	117	73319	25.70	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	209839	32.80	ng		98
20) 3+4-Methylphenols	8.94	107	233439	30.74	ng		97
22) Acetophenone	8.99	105	309777	29.87	ng	#	100
24) Nitrobenzene	9.38	77	284038	29.02	ng		97
25) Isophorone	9.89	82	536831	30.74	ng		97
26) 2-Nitrophenol	10.10	139	111028	32.01	ng		96
27) 2,4-Dimethylphenol	10.15	122	203365	33.67	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	296243	32.04	ng		97
29) 2,4-Dichlorophenol	10.65	162	205584	33.16	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	211810	29.38	ng		94
31) Naphthalene	11.03	128	578134	29.40	ng		97
32) Benzoic acid	10.30	122	55778	19.81	ng	#	86
33) 4-Chloroaniline	11.16	127	149325	18.27	ng		91
34) Hexachlorobutadiene	11.29	225	151740	25.87	ng		94
35) Caprolactam	11.94	113	73418	27.80	ng		91
36) 4-Chloro-3-methylphenol	12.27	107	250133	33.12	ng		93
37) 2-Methylnaphthalene	12.63	142	467572	30.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	278175	27.73	ng		97
40) Hexachlorocyclopentadiene	12.95	237	186633	52.41	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	191200	32.56	ng		92
43) 2,4,5-Trichlorophenol	13.33	196	188962	29.81	ng		98
45) 1,1'-Biphenyl	13.62	154	642754	30.85	ng		97
46) 2-Chloronaphthalene	13.67	162	502780	30.72	ng		99
47) 2-Nitroaniline	13.89	65	225567	32.03	ng		97
48) Acenaphthylene	14.51	152	807034	29.65	ng		96
49) Dimethylphthalate	14.23	163	719040	31.88	ng		98
50) 2,6-Dinitrotoluene	14.38	165	156971	30.73	ng		98
51) Acenaphthene	14.85	154	522926	31.09	ng		99
52) 3-Nitroaniline	14.72	138	106334	22.08	ng		92
53) 2,4-Dinitrophenol	14.95	184	120699	44.27	ng	#	91
54) Dibenzofuran	15.18	168	834717	32.84	ng		97
55) 4-Nitrophenol	15.05	139	182228	51.10	ng		92
56) 2,4-Dinitrotoluene	15.18	165	234365	31.36	ng	#	86
57) Fluorene	15.83	166	682530	30.22	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	193250	32.62	ng		98
59) Diethylphthalate	15.57	149	752482	31.47	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	373399	30.50	ng		93
61) 4-Nitroaniline	15.89	138	141429	29.24	ng		95
62) Azobenzene	16.10	77	843054	34.64	ng		98
64) 4,6-Dinitro-2-methylphenol	15.95	198	121848	26.06	ng		81
65) n-Nitrosodiphenylamine	16.03	169	640076	33.88	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	251460	31.42	ng		97
67) Hexachlorobenzene	16.84	284	273176	30.35	ng	#	88
68) Atrazine	16.97	200	267401	28.68	ng		98
69) Pentachlorophenol	17.19	266	226558	57.29	ng		94
70) Phenanthrene	17.58	178	1143012	31.97	ng		96
71) Anthracene	17.67	178	1191379	32.31	ng		99
72) Carbazole	17.94	167	1053540	29.50	ng		95
73) Di-n-butylphthalate	18.45	149	1314737	31.82	ng	#	96
74) Fluoranthene	19.58	202	1455093	29.69	ng		96
76) Benzidine	19.76	184	184187	6.87	ng		97
77) Pyrene	19.94	202	1479029	33.99	ng		99
79) Butylbenzylphthalate	20.79	149	628178	34.77	ng		97
80) Benzo(a)anthracene	21.80	228	1500100	32.43	ng		98
81) 3,3'-Dichlorobenzidine	21.70	252	388348	21.39	ng		97
82) Chrysene	21.87	228	1374998	31.45	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	871245	34.63	ng		97
84) Di-n-octyl phthalate	22.88	149	1452852	35.55	ng		98
85) Indeno(1,2,3-cd)pyrene	29.08	276	1665950	31.25	ng	#	94
87) Benzo(b)fluoranthene	24.11	252	1496099	32.66	ng		99
88) Benzo(k)fluoranthene	24.18	252	1442087m	32.16	ng		
89) Benzo(a)pyrene	25.03	252	1433990	32.91	ng		96
90) Dibenzo(a,h)anthracene	29.11	278	1397954	31.03	ng		99
91) Benzo(g,h,i)perylene	30.30	276	1389348	31.03	ng	#	96

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

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