Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019963.D
Acq On : 6 Dec 2015 12:33
Operator : UM/NP
Sample : G4650-13MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COFF(0-2)-2MS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:32:19 PM

Quant Time: Dec 07 04:15:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34778	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	148643	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	104192	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	261286	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	311133	20.00	ng		-0.04
86) Perylene-d12	25.04	264	298503	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	278215	144.58	ng		-0.01
7) Phenol-d6	7.27	99	417238	143.61	ng		0.00
23) Nitrobenzene-d5	9.28	82	266916	91.64	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	188401	118.18	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	592580	77.66	ng		-0.02
78) Terphenyl-d14	20.08	244	955395	74.90	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	30592	40.81	ng	#	100
3) Pyridine	3.92	79	54043	23.74	ng		93
4) n-Nitrosodimethylamine	3.84	42	49730	41.53	ng		94
6) Aniline	7.44	93	62535	16.62	ng	#	87
8) 2-Chlorophenol	7.68	128	113822	48.51	ng		95
9) Benzaldehyde	7.24	77	39834	20.56	ng		88
10) Phenol	7.29	94	163203	53.37	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	104593	46.19	ng		90
12) 1,3-Dichlorobenzene	8.00	146	112069	42.14	ng	#	94
13) 1,4-Dichlorobenzene	8.15	146	115317	41.98	ng	#	95
14) 1,2-Dichlorobenzene	8.47	146	113832	43.45	ng		95
15) Benzyl Alcohol	8.35	79	123082	48.28	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	159769	43.26	ng		91
17) 2-Methylphenol	8.55	107	106544	49.36	ng	#	91
18) Hexachloroethane	9.21	117	42953	41.76	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	99399	43.38	ng		93
20) 3+4-Methylphenols	8.88	107	147855	48.64	ng		92
22) Acetophenone	8.94	105	175761	43.14	ng	#	92
24) Nitrobenzene	9.32	77	149699	47.38	ng		92
25) Isophorone	9.85	82	266104	42.62	ng	#	96
26) 2-Nitrophenol	10.04	139	65251	53.48	ng	#	75
27) 2,4-Dimethylphenol	10.09	122	117560	46.27	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	152009	49.82	ng		98
29) 2,4-Dichlorophenol	10.57	162	132766	51.15	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	129913	44.28	ng		99
31) Naphthalene	10.98	128	363149	45.60	ng		99
32) Benzoic acid	10.18	122	33755	23.25	ng	#	85
33) 4-Chloroaniline	11.09	127	39835	11.35	ng	#	92
34) Hexachlorobutadiene	11.26	225	88870	41.07	ng		100
35) Caprolactam	11.86	113	43900m	45.43	ng		
36) 4-Chloro-3-methylphenol	12.20	107	152301	47.11	ng		94
37) 2-Methylnaphthalene	12.58	142	275726	47.25	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	172146	43.54	ng		99
40) Hexachlorocyclopentadiene	12.93	237	173546	76.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	119801	45.76	ng		100
43) 2,4,5-Trichlorophenol	13.25	196	130446	47.15	ng		94
45) 1,1'-Biphenyl	13.58	154	362982	42.45	ng		99
46) 2-Chloronaphthalene	13.63	162	292485	44.38	ng		96
47) 2-Nitroaniline	13.82	65	109173	52.44	ng		87
48) Acenaphthylene	14.47	152	480528	42.80	ng		99
49) Dimethylphthalate	14.19	163	535998	57.19	ng		99
50) 2,6-Dinitrotoluene	14.31	165	88542	50.25	ng	#	77
51) Acenaphthene	14.81	154	320653	47.07	ng		98
52) 3-Nitroaniline	14.64	138	52252	28.54	ng	#	91
53) 2,4-Dinitrophenol	14.84	184	57123	63.13	ng	#	85
54) Dibenzofuran	15.14	168	479212	47.29	ng		92
55) 4-Nitrophenol	14.94	139	148119	92.90	ng	#	63
56) 2,4-Dinitrotoluene	15.10	165	125265	50.95	ng	#	88
57) Fluorene	15.79	166	391758	43.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	125561	49.04	ng		98
59) Diethylphthalate	15.55	149	414064	40.82	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	213768	41.05	ng		97
61) 4-Nitroaniline	15.80	138	90573	43.99	ng	#	73
62) Azobenzene	16.07	77	386780	45.83	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	66413	45.59	ng		91
65) n-Nitrosodiphenylamine	15.99	169	351655	46.51	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	139225	42.88	ng		96
67) Hexachlorobenzene	16.79	284	149007	44.06	ng		98
68) Atrazine	16.93	200	148773	45.29	ng		98
69) Pentachlorophenol	17.13	266	186190	94.32	ng		97
70) Phenanthrene	17.53	178	647061	43.77	ng		98
71) Anthracene	17.62	178	661250	43.92	ng		96
72) Carbazole	17.88	167	594739	44.84	ng		97
73) Di-n-butylphthalate	18.44	149	691728	42.54	ng		98
74) Fluoranthene	19.53	202	799575	42.29	ng		96
76) Benzidine	19.71	184	95736	9.37	ng		98
77) Pyrene	19.89	202	813492	44.44	ng		96
79) Butylbenzylphthalate	20.77	149	319851	44.58	ng		98
80) Benzo(a)anthracene	21.74	228	818270	42.96	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	154962	21.36	ng		99
82) Chrysene	21.81	228	740208	40.93	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	467172	44.37	ng		95
84) Di-n-octyl phthalate	22.88	149	799621	46.71	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	896667	45.01	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	785533	41.52	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	760451	40.59	ng	#	94
89) Benzo(a)pyrene	24.89	252	752929	41.92	ng	#	97
90) Dibenzo(a,h)anthracene	28.86	278	750469	42.29	ng	#	92
91) Benzo(g,h,i)perylene	29.97	276	724783	41.60	ng	#	93

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

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