Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019097.D
Acq On : 10 Oct 2015 2:16
Operator : UM/NP
Sample : SSTDICC010
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:01:22 PM

Quant Time: Oct 10 06:27:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 06:16:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19546	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	87708	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	61799	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	155967	20.00	ng		0.00
75) Chrysene-d12	21.68	240	192101	20.00	ng		0.00
86) Perylene-d12	24.91	264	185571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	20006	17.99	ng		0.00
7) Phenol-d6	7.19	99	29551	18.37	ng		0.00
23) Nitrobenzene-d5	9.19	82	32381	20.40	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	16708	19.88	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	83511	18.86	ng		0.00
78) Terphenyl-d14	20.02	244	152414	20.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	4818	10.32	ng		84
3) Pyridine	3.91	79	12846	8.89	ng		94
4) n-Nitrosodimethylamine	3.82	42	7211	13.35	ng	#	89
6) Aniline	7.36	93	19924	9.01	ng		99
8) 2-Chlorophenol	7.60	128	12296	9.47	ng		98
9) Benzaldehyde	7.17	77	10649	12.08	ng		97
10) Phenol	7.22	94	15122	8.90	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	12048	9.20	ng		97
12) 1,3-Dichlorobenzene	7.92	146	13551	9.02	ng		92
13) 1,4-Dichlorobenzene	8.07	146	13674	9.10	ng		96
14) 1,2-Dichlorobenzene	8.39	146	13611	9.47	ng		92
15) Benzyl Alcohol	8.27	79	12422	10.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	25600	15.41	ng		97
17) 2-Methylphenol	8.48	107	10938	9.20	ng		90
18) Hexachloroethane	9.12	117	5283	9.72	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	11635	10.05	ng		97
20) 3+4-Methylphenols	8.80	107	15432	9.21	ng		91
22) Acetophenone	8.85	105	21042	9.52	ng	#	95
24) Nitrobenzene	9.24	77	17099	10.18	ng		95
25) Isophorone	9.76	82	32253	9.52	ng		99
26) 2-Nitrophenol	9.95	139	7032	9.13	ng		96
27) 2,4-Dimethylphenol	10.00	122	12766	9.11	ng		91
28) bis(2-Chloroethoxy)methane	10.24	93	17534	9.14	ng		97
29) 2,4-Dichlorophenol	10.49	162	13157	9.29	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	14583	9.32	ng		95
31) Naphthalene	10.89	128	43176	9.26	ng		99
32) Benzoic acid	10.10	122	3880m	3.89	ng		
33) 4-Chloroaniline	10.99	127	20305	9.57	ng		95
34) Hexachlorobutadiene	11.18	225	10098	10.67	ng		97
35) Caprolactam	11.74	113	4939	8.24	ng	#	55
36) 4-Chloro-3-methylphenol	12.11	107	16829	10.40	ng		99
37) 2-Methylnaphthalene	12.49	142	33435	9.72	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	17968	9.18	ng		98
40) Hexachlorocyclopentadiene	12.84	237	7711	7.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	12149	8.97	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	13140	8.84	ng		99
45) 1,1'-Biphenyl	13.49	154	46673	9.54	ng		99
46) 2-Chloronaphthalene	13.54	162	35832	9.47	ng		96
47) 2-Nitroaniline	13.74	65	13791	11.67	ng		92
48) Acenaphthylene	14.38	152	61384	9.21	ng		98
49) Dimethylphthalate	14.11	163	49782	9.72	ng		99
50) 2,6-Dinitrotoluene	14.23	165	10414	9.37	ng		95
51) Acenaphthene	14.72	154	38011	9.76	ng		99
52) 3-Nitroaniline	14.56	138	11785	9.00	ng		95
53) 2,4-Dinitrophenol	14.76	184	3109	6.51	ng	#	81
54) Dibenzofuran	15.06	168	56577	9.41	ng		95
55) 4-Nitrophenol	14.86	139	8543	8.48	ng		96
56) 2,4-Dinitrotoluene	15.02	165	15127	9.61	ng	#	97
57) Fluorene	15.70	166	49017	9.47	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	12526m	8.96	ng		
59) Diethylphthalate	15.47	149	51927	9.71	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	24517	9.80	ng		99
61) 4-Nitroaniline	15.72	138	13175	9.32	ng		87
62) Azobenzene	15.99	77	48061	10.12	ng		97
64) 4,6-Dinitro-2-methylphenol	15.78	198	7186	8.99	ng		94
65) n-Nitrosodiphenylamine	15.91	169	44408	9.84	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	16198	10.15	ng		97
67) Hexachlorobenzene	16.71	284	18817	10.74	ng		94
68) Atrazine	16.86	200	18760	10.43	ng		94
69) Pentachlorophenol	17.06	266	8288	7.83	ng		94
70) Phenanthrene	17.45	178	84089	10.26	ng		97
71) Anthracene	17.54	178	83754	10.08	ng		98
72) Carbazole	17.81	167	79189	9.94	ng		94
73) Di-n-butylphthalate	18.37	149	96761	10.26	ng		99
74) Fluoranthene	19.46	202	109616	10.76	ng		98
76) Benzidine	19.63	184	51227	9.00	ng		99
77) Pyrene	19.82	202	110861	9.45	ng		99
79) Butylbenzylphthalate	20.71	149	44454	9.35	ng		95
80) Benzo(a)anthracene	21.66	228	106805	9.70	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	39126	9.41	ng		99
82) Chrysene	21.73	228	101919	9.84	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	63559	9.32	ng		97
84) Di-n-octyl phthalate	22.80	149	107322	9.29	ng		98
85) Indeno(1,2,3-cd)pyrene	28.57	276	117132	8.96	ng		100
87) Benzo(b)fluoranthene	23.88	252	101246	9.49	ng		99
88) Benzo(k)fluoranthene	23.95	252	102403	9.54	ng		97
89) Benzo(a)pyrene	24.75	252	96343	9.48	ng		98
90) Dibenzo(a,h)anthracene	28.65	278	101710	10.06	ng		97
91) Benzo(g,h,i)perylene	29.72	276	94305	9.27	ng		98

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

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