Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017107.D
Acq On : 13 May 2015 15:10
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
apatel
5/14/2015 3:02:38 PM

Quant Time: May 13 16:18:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 15:48:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	47492	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	215626	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	140841	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	307029	20.00	ng		0.00
75) Chrysene-d12	21.30	240	311402	20.00	ng		0.00
86) Perylene-d12	23.57	264	304708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	419090	152.18	ng		0.00
7) Phenol-d6	6.91	99	608387	154.78	ng		0.00
23) Nitrobenzene-d5	8.88	82	767811	170.13	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	288441	196.05	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1533366	162.04	ng		0.00
78) Terphenyl-d14	19.75	244	2218268	162.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	81235	71.43	ng		93
3) Pyridine	3.57	79	255672	72.83	ng		96
4) n-Nitrosodimethylamine	3.49	42	192143	87.18	ng		97
6) Aniline	7.04	93	421225	76.46	ng		99
8) 2-Chlorophenol	7.28	128	259179	80.70	ng		98
9) Benzaldehyde	6.85	77	135729	50.37	ng		94
10) Phenol	6.94	94	320485	76.27	ng		96
11) bis(2-Chloroethyl)ether	7.14	93	245093	75.59	ng		97
12) 1,3-Dichlorobenzene	7.60	146	273646	77.45	ng		98
13) 1,4-Dichlorobenzene	7.75	146	280730	78.53	ng		96
14) 1,2-Dichlorobenzene	8.06	146	273157	79.54	ng		97
15) Benzyl Alcohol	7.96	79	296867	82.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	386654	65.66	ng		98
17) 2-Methylphenol	8.18	107	233945	79.06	ng		92
18) Hexachloroethane	8.79	117	117033	79.36	ng		92
19) n-Nitroso-di-n-propylamine	8.53	70	264461	76.74	ng		96
20) 3+4-Methylphenols	8.51	107	332127	80.89	ng		94
22) Acetophenone	8.54	105	424756	81.63	ng		97
24) Nitrobenzene	8.92	77	373269	82.74	ng		98
25) Isophorone	9.45	82	698165	77.62	ng		97
26) 2-Nitrophenol	9.62	139	169821	90.97	ng	#	91
27) 2,4-Dimethylphenol	9.70	122	273703	82.68	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	339717	75.13	ng		94
29) 2,4-Dichlorophenol	10.17	162	262950	83.41	ng		96
30) 1,2,4-Trichlorobenzene	10.37	180	284241	84.33	ng		95
31) Naphthalene	10.56	128	854780	78.71	ng	#	96
32) Benzoic acid	9.90	122	203425	100.66	ng		94
33) 4-Chloroaniline	10.67	127	406283	80.75	ng		95
34) Hexachlorobutadiene	10.84	225	182840	86.22	ng		95
35) Caprolactam	11.48	113	130224m	80.42	ng		
36) 4-Chloro-3-methylphenol	11.83	107	332044	82.41	ng		98
37) 2-Methylnaphthalene	12.18	142	670806	80.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	338905	87.47	ng		99
40) Hexachlorocyclopentadiene	12.52	237	218316	87.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	235331	85.93	ng		96
43) 2,4,5-Trichlorophenol	12.89	196	248340	85.81	ng		92
45) 1,1'-Biphenyl	13.20	154	819241	80.35	ng		98
46) 2-Chloronaphthalene	13.24	162	662600	82.11	ng		99
47) 2-Nitroaniline	13.45	65	261685	91.97	ng		94
48) Acenaphthylene	14.09	152	1110735	79.08	ng		99
49) Dimethylphthalate	13.84	163	885666	82.79	ng		100
50) 2,6-Dinitrotoluene	13.96	165	205128	91.53	ng		99
51) Acenaphthene	14.43	154	669020	80.28	ng		98
52) 3-Nitroaniline	14.29	138	223816	88.57	ng	#	95
53) 2,4-Dinitrophenol	14.49	184	131441	119.05	ng		94
54) Dibenzofuran	14.77	168	962370	80.93	ng		98
55) 4-Nitrophenol	14.63	139	183813	86.12	ng		98
56) 2,4-Dinitrotoluene	14.75	165	289605	99.81	ng		96
57) Fluorene	15.42	166	874072	82.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	223246	88.58	ng		99
59) Diethylphthalate	15.20	149	939367	83.17	ng		100
60) 4-Chlorophenyl-phenylether	15.41	204	459396	85.97	ng		96
61) 4-Nitroaniline	15.46	138	252680	86.24	ng		97
62) Azobenzene	15.71	77	901931	77.82	ng		98
64) 4,6-Dinitro-2-methylphenol	15.51	198	185807	112.11	ng		98
65) n-Nitrosodiphenylamine	15.64	169	782957	82.41	ng		96
66) 4-Bromophenyl-phenylether	16.31	248	280588	88.86	ng		98
67) Hexachlorobenzene	16.42	284	298066	89.32	ng		99
68) Atrazine	16.59	200	245236	71.52	ng		98
69) Pentachlorophenol	16.77	266	192705	89.45	ng		93
70) Phenanthrene	17.16	178	1282831	80.04	ng		96
71) Anthracene	17.25	178	1302303	80.63	ng		98
72) Carbazole	17.52	167	1183066	77.58	ng		99
73) Di-n-butylphthalate	18.09	149	1560594	78.61	ng		98
74) Fluoranthene	19.18	202	1483599	79.77	ng		95
76) Benzidine	19.37	184	644505	60.70	ng		98
77) Pyrene	19.55	202	1502043	80.12	ng		97
79) Butylbenzylphthalate	20.44	149	714589	80.87	ng		98
80) Benzo(a)anthracene	21.29	228	1409988	82.48	ng		94
81) 3,3'-Dichlorobenzidine	21.23	252	544448	81.87	ng		98
82) Chrysene	21.34	228	1336595	83.68	ng		98
83) Bis(2-ethylhexyl)phthalate	21.22	149	1002365	82.40	ng	#	94
84) Di-n-octyl phthalate	22.10	149	1621160	79.68	ng		98
85) Indeno(1,2,3-cd)pyrene	25.91	276	1702051	88.80	ng		100
87) Benzo(b)fluoranthene	22.89	252	1470778m	85.35	ng		
88) Benzo(k)fluoranthene	22.94	252	1344960	80.86	ng		97
89) Benzo(a)pyrene	23.48	252	1344347	83.69	ng		99
90) Dibenzo(a,h)anthracene	25.92	278	1422441	86.47	ng		98
91) Benzo(g,h,i)perylene	26.63	276	1323198	84.36	ng	#	94

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

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