Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017119.D
Acq On : 13 May 2015 22:41
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/14/2015 3:02:54 PM

Quant Time: May 14 04:06:50 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 16:12:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	44823	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	205586	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	134769	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	304612	20.00	ng		0.00
75) Chrysene-d12	21.30	240	317661	20.00	ng		0.00
86) Perylene-d12	23.56	264	313916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	211599	83.76	ng		0.00
7) Phenol-d6	6.91	99	302185	85.23	ng		0.00
23) Nitrobenzene-d5	8.87	82	364779	82.84	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	128521	78.89	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	725633	79.01	ng		0.00
78) Terphenyl-d14	19.75	244	1242686	81.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	44271	44.41	ng		96
3) Pyridine	3.57	79	132498	43.94	ng		94
4) n-Nitrosodimethylamine	3.49	42	91800	40.11	ng	#	87
6) Aniline	7.04	93	203275	41.44	ng		95
8) 2-Chlorophenol	7.28	128	123847	40.98	ng		100
9) Benzaldehyde	6.85	77	96977	43.56	ng		97
10) Phenol	6.93	94	160628	42.72	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	119362	42.34	ng		93
12) 1,3-Dichlorobenzene	7.59	146	134814	39.94	ng		100
13) 1,4-Dichlorobenzene	7.74	146	136980	40.20	ng		92
14) 1,2-Dichlorobenzene	8.06	146	129992	39.94	ng		95
15) Benzyl Alcohol	7.95	79	138045	40.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	201521	44.09	ng		99
17) 2-Methylphenol	8.17	107	112845	41.39	ng		89
18) Hexachloroethane	8.79	117	57017	40.06	ng		89
19) n-Nitroso-di-n-propylamine	8.52	70	127156	41.17	ng		99
20) 3+4-Methylphenols	8.51	107	158036	41.71	ng		87
22) Acetophenone	8.53	105	204533	40.99	ng	#	97
24) Nitrobenzene	8.91	77	180237	41.83	ng		98
25) Isophorone	9.43	82	335963	41.39	ng		96
26) 2-Nitrophenol	9.62	139	77939	40.47	ng		88
27) 2,4-Dimethylphenol	9.70	122	129912	40.98	ng		94
28) bis(2-Chloroethoxy)methane	9.92	93	165961	42.00	ng		96
29) 2,4-Dichlorophenol	10.17	162	126249	42.22	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	130438	38.45	ng		98
31) Naphthalene	10.56	128	408064	40.56	ng		98
32) Benzoic acid	9.85	122	87121	40.55	ng	#	81
33) 4-Chloroaniline	10.67	127	193238	40.61	ng		95
34) Hexachlorobutadiene	10.84	225	80309	37.39	ng		97
35) Caprolactam	11.44	113	62853	41.80	ng		94
36) 4-Chloro-3-methylphenol	11.83	107	157539	41.69	ng		100
37) 2-Methylnaphthalene	12.17	142	315301	39.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	148785	39.02	ng		99
40) Hexachlorocyclopentadiene	12.52	237	89107	38.31	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	109230	40.39	ng		94
43) 2,4,5-Trichlorophenol	12.88	196	114508	41.09	ng		93
45) 1,1'-Biphenyl	13.19	154	397259	40.93	ng		99
46) 2-Chloronaphthalene	13.24	162	313505	40.79	ng		98
47) 2-Nitroaniline	13.45	65	128407	42.94	ng		97
48) Acenaphthylene	14.09	152	540670	41.07	ng		99
49) Dimethylphthalate	13.83	163	422163	40.06	ng		99
50) 2,6-Dinitrotoluene	13.95	165	96032	41.12	ng		99
51) Acenaphthene	14.43	154	318522	40.97	ng		98
52) 3-Nitroaniline	14.28	138	112327	43.36	ng		99
53) 2,4-Dinitrophenol	14.48	184	53388	39.38	ng		89
54) Dibenzofuran	14.76	168	467425	40.44	ng		96
55) 4-Nitrophenol	14.63	139	90433	43.35	ng		96
56) 2,4-Dinitrotoluene	14.73	165	140642	43.18	ng		97
57) Fluorene	15.42	166	413188	40.39	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.00	232	102152	39.94	ng		99
59) Diethylphthalate	15.20	149	459010	40.55	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	209756	39.91	ng		92
61) 4-Nitroaniline	15.44	138	127622	44.15	ng		96
62) Azobenzene	15.70	77	459804	42.52	ng		96
64) 4,6-Dinitro-2-methylphenol	15.50	198	85237	40.83	ng		98
65) n-Nitrosodiphenylamine	15.63	169	376545	40.27	ng		99
66) 4-Bromophenyl-phenylether	16.31	248	131210	39.50	ng		98
67) Hexachlorobenzene	16.42	284	138979	39.64	ng		96
68) Atrazine	16.58	200	142440	41.64	ng		93
69) Pentachlorophenol	16.77	266	85503	39.07	ng		97
70) Phenanthrene	17.15	178	656194	41.78	ng		100
71) Anthracene	17.24	178	654928	41.14	ng		99
72) Carbazole	17.52	167	627180	42.87	ng		98
73) Di-n-butylphthalate	18.08	149	845994	43.22	ng		99
74) Fluoranthene	19.18	202	792265	42.00	ng		97
76) Benzidine	19.36	184	422774	40.76	ng		97
77) Pyrene	19.54	202	806665	41.39	ng		99
79) Butylbenzylphthalate	20.44	149	373951	42.20	ng		100
80) Benzo(a)anthracene	21.28	228	749902	41.19	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	286552	40.68	ng		98
82) Chrysene	21.33	228	697666	41.15	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	530381	42.11	ng		100
84) Di-n-octyl phthalate	22.10	149	885119	42.21	ng		100
85) Indeno(1,2,3-cd)pyrene	25.89	276	834976	41.15	ng		97
87) Benzo(b)fluoranthene	22.88	252	741581m	40.53	ng		
88) Benzo(k)fluoranthene	22.92	252	731377	42.10	ng		99
89) Benzo(a)pyrene	23.46	252	689982	41.06	ng		100
90) Dibenzo(a,h)anthracene	25.90	278	705959	40.92	ng	#	96
91) Benzo(g,h,i)perylene	26.60	276	670815	41.31	ng	#	97

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

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