Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017321.D
Acq On : 28 May 2015 12:37
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/29/2015 5:43:53 PM

Quant Time: May 29 01:06:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 01:04:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	23424	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	104493	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	71197	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	167841	20.00	ng	0.00
75) Chrysene-d12	21.25	240	200932	20.00	ng	0.00
86) Perylene-d12	23.49	264	189786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	108299	82.03	ng	0.00
7) Phenol-d6	6.86	99	149682	80.79	ng	0.00
23) Nitrobenzene-d5	8.82	82	184986	82.65	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	71444	83.01	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	396586	81.74	ng	0.00
78) Terphenyl-d14	19.70	244	745567	77.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	21970	42.18	ng	97
3) Pyridine	3.52	79	67328	42.72	ng	95
4) n-Nitrosodimethylamine	3.44	42	46840	39.16	ng	96
6) Aniline	6.99	93	105674	41.22	ng	94
8) 2-Chlorophenol	7.23	128	64435	40.80	ng	96
9) Benzaldehyde	6.80	77	46878	38.44	ng	94
10) Phenol	6.89	94	79833	40.63	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	62464	42.40	ng	95
12) 1,3-Dichlorobenzene	7.54	146	69369	39.33	ng	95
13) 1,4-Dichlorobenzene	7.69	146	73917	41.51	ng	95
14) 1,2-Dichlorobenzene	8.01	146	66685	39.21	ng	96
15) Benzyl Alcohol	7.91	79	69844	38.80	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	96477	40.39	ng	99
17) 2-Methylphenol	8.12	107	56700	39.80	ng	93
18) Hexachloroethane	8.73	117	30361	40.82	ng	92
19) n-Nitroso-di-n-propylamine	8.47	70	63785	39.51	ng	93
20) 3+4-Methylphenols	8.45	107	78855	39.83	ng	95
22) Acetophenone	8.48	105	103368	40.76	ng	96
24) Nitrobenzene	8.86	77	90049	41.12	ng	100
25) Isophorone	9.38	82	170687	41.38	ng	99
26) 2-Nitrophenol	9.57	139	41588	42.48	ng	97
27) 2,4-Dimethylphenol	9.65	122	67068	41.63	ng	96
28) bis(2-Chloroethoxy)methane	9.87	93	83893	41.77	ng	93
29) 2,4-Dichlorophenol	10.12	162	63576	41.83	ng	94
30) 1,2,4-Trichlorobenzene	10.32	180	69462	40.28	ng	97
31) Naphthalene	10.50	128	209929	41.06	ng	98
32) Benzoic acid	9.81	122	36940	33.83	ng	89
33) 4-Chloroaniline	10.62	127	99559	41.17	ng	98
34) Hexachlorobutadiene	10.78	225	47017	43.06	ng	97
35) Caprolactam	11.40	113	34031	44.53	ng	93
36) 4-Chloro-3-methylphenol	11.77	107	79701	41.50	ng	98
37) 2-Methylnaphthalene	12.12	142	164462	40.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	83559	41.48	ng	99
40) Hexachlorocyclopentadiene	12.47	237	42712	34.76	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	58115m	40.67	ng		
43) 2,4,5-Trichlorophenol	12.83	196	61867	42.02	ng		93
45) 1,1'-Biphenyl	13.15	154	207548	40.47	ng		98
46) 2-Chloronaphthalene	13.18	162	165296	40.71	ng		97
47) 2-Nitroaniline	13.40	65	65692	41.59	ng		97
48) Acenaphthylene	14.04	152	287282	41.31	ng		98
49) Dimethylphthalate	13.78	163	229923	41.30	ng		99
50) 2,6-Dinitrotoluene	13.90	165	53329	43.23	ng		99
51) Acenaphthene	14.38	154	165933	40.40	ng		99
52) 3-Nitroaniline	14.24	138	58104	42.45	ng		97
53) 2,4-Dinitrophenol	14.44	184	31098	43.42	ng		93
54) Dibenzofuran	14.72	168	248052	40.62	ng		98
55) 4-Nitrophenol	14.59	139	43400	39.38	ng		95
56) 2,4-Dinitrotoluene	14.69	165	78095	45.39	ng		96
57) Fluorene	15.37	166	221666	41.01	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.95	232	56821	42.05	ng		96
59) Diethylphthalate	15.15	149	248350	41.53	ng		99
60) 4-Chlorophenyl-phenylether	15.36	204	114603	41.28	ng		95
61) 4-Nitroaniline	15.40	138	68249	44.69	ng		97
62) Azobenzene	15.66	77	234156	40.99	ng		96
64) 4,6-Dinitro-2-methylphenol	15.46	198	50178	43.62	ng		93
65) n-Nitrosodiphenylamine	15.59	169	203028	39.40	ng		99
66) 4-Bromophenyl-phenylether	16.26	248	71089	38.84	ng		95
67) Hexachlorobenzene	16.37	284	77249	39.99	ng		95
68) Atrazine	16.54	200	78028	41.40	ng		98
69) Pentachlorophenol	16.72	266	44140	36.60	ng		93
70) Phenanthrene	17.11	178	350373	40.48	ng		98
71) Anthracene	17.20	178	356229	40.61	ng		99
72) Carbazole	17.48	167	340164	42.20	ng		97
73) Di-n-butylphthalate	18.04	149	461604	42.80	ng		99
74) Fluoranthene	19.13	202	449583	43.26	ng		98
76) Benzidine	19.32	184	226360	34.50	ng		96
77) Pyrene	19.49	202	462357	37.51	ng		98
79) Butylbenzylphthalate	20.40	149	212977	38.00	ng		93
80) Benzo(a)anthracene	21.24	228	455290	39.54	ng		99
81) 3,3'-Dichlorobenzidine	21.17	252	181062	40.63	ng		98
82) Chrysene	21.29	228	433697	40.44	ng		99
83) Bis(2-ethylhexyl)phthalate	21.17	149	316420	39.72	ng		97
84) Di-n-octyl phthalate	22.04	149	517857	39.04	ng		97
85) Indeno(1,2,3-cd)pyrene	25.79	276	521360	40.62	ng		99
87) Benzo(b)fluoranthene	22.82	252	461304	41.70	ng		99
88) Benzo(k)fluoranthene	22.87	252	436195	41.53	ng		98
89) Benzo(a)pyrene	23.40	252	427033	42.03	ng		99
90) Dibenzo(a,h)anthracene	25.80	278	442008	42.38	ng	#	97
91) Benzo(g,h,i)perylene	26.49	276	412120	41.98	ng	#	97

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

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