Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
Data File : BG017214.D
Acq On : 20 May 2015 13:57
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 21 02:30:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 02:15:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42657	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	197714	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	137246	20.00	ng		0.00
63) Phenanthrene-d10	17.10	188	332145	20.00	ng		0.00
75) Chrysene-d12	21.29	240	367666	20.00	ng		0.00
86) Perylene-d12	23.55	264	363106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	187761	78.10	ng		0.00
7) Phenol-d6	6.89	99	265848	78.79	ng		0.00
23) Nitrobenzene-d5	8.86	82	323565	76.41	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	135658	81.77	ng		0.00
44) 2-Fluorobiphenyl	12.97	172	685718	73.31	ng		0.00
78) Terphenyl-d14	19.74	244	1281828	72.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	36300	38.27	ng		93
3) Pyridine	3.55	79	108940	37.96	ng		95
4) n-Nitrosodimethylamine	3.47	42	79468	36.48	ng	#	98
6) Aniline	7.02	93	184071	39.43	ng		96
8) 2-Chlorophenol	7.26	128	112032	38.95	ng		94
9) Benzaldehyde	6.84	77	81891	36.67	ng		95
10) Phenol	6.92	94	142271	39.76	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	102988	38.39	ng		92
12) 1,3-Dichlorobenzene	7.58	146	121483	37.82	ng		99
13) 1,4-Dichlorobenzene	7.73	146	121940	37.61	ng		90
14) 1,2-Dichlorobenzene	8.05	146	116010	37.46	ng		98
15) Benzyl Alcohol	7.94	79	122306	37.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	163331	37.55	ng		96
17) 2-Methylphenol	8.16	107	99824	38.48	ng		96
18) Hexachloroethane	8.77	117	50951	37.62	ng		91
19) n-Nitroso-di-n-propylamine	8.50	70	109948	37.40	ng		98
20) 3+4-Methylphenols	8.49	107	145456	40.34	ng		95
22) Acetophenone	8.52	105	177020	36.89	ng	#	98
24) Nitrobenzene	8.90	77	158688	38.30	ng		99
25) Isophorone	9.41	82	293352	37.58	ng		98
26) 2-Nitrophenol	9.60	139	71605	38.66	ng		92
27) 2,4-Dimethylphenol	9.69	122	115824	37.99	ng		96
28) bis(2-Chloroethoxy)methane	9.91	93	143691	37.81	ng		96
29) 2,4-Dichlorophenol	10.16	162	118033	41.04	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	119779	36.71	ng		93
31) Naphthalene	10.54	128	365521	37.78	ng	#	96
32) Benzoic acid	9.84	122	77676	37.60	ng	#	78
33) 4-Chloroaniline	10.65	127	181166	39.59	ng		95
34) Hexachlorobutadiene	10.82	225	77456	37.49	ng		98
35) Caprolactam	11.44	113	60180	41.62	ng		92
36) 4-Chloro-3-methylphenol	11.81	107	148323	40.82	ng		95
37) 2-Methylnaphthalene	12.16	142	289629	37.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	143488	36.95	ng		98
40) Hexachlorocyclopentadiene	12.51	237	77091	32.55	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.78	196	107096	38.88	ng	100
43) 2,4,5-Trichlorophenol	12.87	196	115963	40.86	ng	94
45) 1,1'-Biphenyl	13.18	154	361517	36.57	ng	100
46) 2-Chloronaphthalene	13.22	162	288428	36.85	ng	97
47) 2-Nitroaniline	13.43	65	122776	40.32	ng	92
48) Acenaphthylene	14.07	152	509428	38.00	ng	99
49) Dimethylphthalate	13.82	163	405462	37.78	ng	99
50) 2,6-Dinitrotoluene	13.94	165	94143	39.59	ng	96
51) Acenaphthene	14.42	154	300111	37.90	ng	99
52) 3-Nitroaniline	14.27	138	108086	40.97	ng	90
53) 2,4-Dinitrophenol	14.47	184	49880	36.13	ng	95
54) Dibenzofuran	14.76	168	444418	37.76	ng	99
55) 4-Nitrophenol	14.62	139	85285	40.14	ng	92
56) 2,4-Dinitrotoluene	14.73	165	139943	42.19	ng	96
57) Fluorene	15.40	166	400795	38.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	109265	41.95	ng	99
59) Diethylphthalate	15.18	149	442782	38.41	ng	98
60) 4-Chlorophenyl-phenylether	15.40	204	206210	38.53	ng	93
61) 4-Nitroaniline	15.44	138	124756	42.38	ng	98
62) Azobenzene	15.70	77	428491	38.91	ng	97
64) 4,6-Dinitro-2-methylphenol	15.49	198	82418	36.20	ng	97
65) n-Nitrosodiphenylamine	15.62	169	373318	36.61	ng	98
66) 4-Bromophenyl-phenylether	16.30	248	130448	36.01	ng	97
67) Hexachlorobenzene	16.41	284	140140	36.66	ng	98
68) Atrazine	16.57	200	142801	38.28	ng	92
69) Pentachlorophenol	16.76	266	78439	32.87	ng	92
70) Phenanthrene	17.15	178	652016	38.07	ng	98
71) Anthracene	17.24	178	663744	38.24	ng	98
72) Carbazole	17.51	167	622952	39.06	ng	98
73) Di-n-butylphthalate	18.08	149	828181	38.81	ng	99
74) Fluoranthene	19.16	202	790166	38.42	ng	97
76) Benzidine	19.36	184	325823	27.14	ng	97
77) Pyrene	19.53	202	806861	35.77	ng	98
79) Butylbenzylphthalate	20.43	149	387427	37.78	ng	99
80) Benzo(a)anthracene	21.27	228	787642	37.38	ng	99
81) 3,3'-Dichlorobenzidine	21.21	252	307974	37.77	ng	99
82) Chrysene	21.32	228	751838	38.31	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	554670	38.05	ng	98
84) Di-n-octyl phthalate	22.09	149	914886	37.70	ng	99
85) Indeno(1,2,3-cd)pyrene	25.87	276	919950	39.17	ng	99
87) Benzo(b)fluoranthene	22.87	252	809948	38.27	ng	98
88) Benzo(k)fluoranthene	22.92	252	759546	37.80	ng	100
89) Benzo(a)pyrene	23.45	252	752808	38.73	ng	98
90) Dibenzo(a,h)anthracene	25.88	278	776382	38.91	ng	100
91) Benzo(g,h,i)perylene	26.58	276	723619	38.53	ng	98

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

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