Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016437.D
Acq On : 16 Apr 2015 00:49
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 16 04:17:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	95479	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	453805	20.00	ng		0.00
38) Acenaphthene-d10	14.31	164	279023	20.00	ng		0.00
63) Phenanthrene-d10	17.05	188	547286	20.00	ng		0.00
75) Chrysene-d12	21.23	240	431166	20.00	ng		0.00
86) Perylene-d12	23.46	264	419228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	471907	78.00	ng		0.00
7) Phenol-d6	6.86	99	707985	77.96	ng		0.00
23) Nitrobenzene-d5	8.83	82	581859	74.28	ng		0.00
41) 2,4,6-Tribromophenol	15.80	330	163913	86.86	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	1266332	77.27	ng		0.00
78) Terphenyl-d14	19.68	244	1392435	75.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	89890	32.68	ng		98
3) Pyridine	3.53	79	273923	33.33	ng		94
4) n-Nitrosodimethylamine	3.46	42	84128	34.43	ng		99
6) Aniline	7.00	93	468361	36.11	ng		96
8) 2-Chlorophenol	7.24	128	297561	40.96	ng		95
9) Benzaldehyde	6.81	77	165587	31.13	ng		92
10) Phenol	6.88	94	378164	38.92	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	265004	34.20	ng		98
12) 1,3-Dichlorobenzene	7.55	146	292475	39.86	ng		97
13) 1,4-Dichlorobenzene	7.70	146	297754	39.12	ng		97
14) 1,2-Dichlorobenzene	8.02	146	286544	39.37	ng		97
15) Benzyl Alcohol	7.91	79	233457	36.88	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	279675	32.05	ng		98
17) 2-Methylphenol	8.13	107	255383	39.19	ng		96
18) Hexachloroethane	8.73	117	108795	37.37	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	218634	33.60	ng		96
20) 3+4-Methylphenols	8.45	107	364332	40.37	ng		99
22) Acetophenone	8.49	105	392566	37.31	ng	#	99
24) Nitrobenzene	8.87	77	305465	36.46	ng		91
25) Isophorone	9.39	82	608341	34.97	ng		98
26) 2-Nitrophenol	9.57	139	179556	45.97	ng		97
27) 2,4-Dimethylphenol	9.64	122	312427	42.94	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	359869	36.24	ng		99
29) 2,4-Dichlorophenol	10.11	162	276092	47.95	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	259532	43.18	ng		99
31) Naphthalene	10.50	128	941527	39.82	ng		99
32) Benzoic acid	9.80	122	232536	48.81	ng		92
33) 4-Chloroaniline	10.62	127	458067	41.28	ng		97
34) Hexachlorobutadiene	10.78	225	113262	42.89	ng		99
35) Caprolactam	11.40	113	145346	40.10	ng		94
36) 4-Chloro-3-methylphenol	11.77	107	331273	43.56	ng		92
37) 2-Methylnaphthalene	12.12	142	699217	41.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	255407	41.58	ng		98
40) Hexachlorocyclopentadiene	12.47	237	91493	32.54	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	215714	47.25	ng	97
43) 2,4,5-Trichlorophenol	12.82	196	226925	46.53	ng	96
45) 1,1'-Biphenyl	13.14	154	835930	39.05	ng	99
46) 2-Chloronaphthalene	13.18	162	655506	40.20	ng	99
47) 2-Nitroaniline	13.40	65	201517	38.34	ng	87
48) Acenaphthylene	14.03	152	1131327	39.02	ng	98
49) Dimethylphthalate	13.78	163	773834	37.84	ng	99
50) 2,6-Dinitrotoluene	13.90	165	198441	40.12	ng	91
51) Acenaphthene	14.37	154	688839	39.76	ng	98
52) 3-Nitroaniline	14.23	138	249351	39.48	ng	92
53) 2,4-Dinitrophenol	14.43	184	74003	31.45	ng	96
54) Dibenzofuran	14.71	168	943613	39.25	ng	99
55) 4-Nitrophenol	14.56	139	186872	35.80	ng	98
56) 2,4-Dinitrotoluene	14.69	165	271393	40.29	ng	90
57) Fluorene	15.36	166	831444	39.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	167695	44.55	ng	92
59) Diethylphthalate	15.14	149	814235	37.41	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	351441	40.51	ng	96
61) 4-Nitroaniline	15.39	138	265877	37.09	ng	98
62) Azobenzene	15.65	77	785742	33.91	ng	95
64) 4,6-Dinitro-2-methylphenol	15.45	198	132722	35.55	ng	89
65) n-Nitrosodiphenylamine	15.57	169	758626	41.00	ng	98
66) 4-Bromophenyl-phenylether	16.25	248	185456	42.44	ng	95
67) Hexachlorobenzene	16.36	284	188488	41.50	ng	100
68) Atrazine	16.53	200	209555	40.64	ng	99
69) Pentachlorophenol	16.71	266	112393	40.53	ng	97
70) Phenanthrene	17.09	178	1174719	38.16	ng	98
71) Anthracene	17.18	178	1191552	39.06	ng	99
72) Carbazole	17.46	167	1125766	36.77	ng	99
73) Di-n-butylphthalate	18.02	149	1378780	36.80	ng	100
74) Fluoranthene	19.11	202	1145579	36.11	ng	97
76) Benzidine	19.30	184	676042	36.97	ng	98
77) Pyrene	19.47	202	1170442	38.98	ng	98
79) Butylbenzylphthalate	20.37	149	629553	42.68	ng	95
80) Benzo(a)anthracene	21.22	228	1018175	39.96	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	356693	42.56	ng	100
82) Chrysene	21.27	228	960545	39.04	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	852070	42.67	ng	95
84) Di-n-octyl phthalate	22.02	149	1423007	43.74	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	1108218	43.36	ng	97
87) Benzo(b)fluoranthene	22.79	252	953770	38.84	ng	98
88) Benzo(k)fluoranthene	22.84	252	949972	39.54	ng	98
89) Benzo(a)pyrene	23.36	252	928282	40.34	ng	99
90) Dibenzo(a,h)anthracene	25.75	278	915943	40.90	ng	97
91) Benzo(g,h,i)perylene	26.44	276	930730	41.61	ng	97

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

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