Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021676.D
Acq On : 15 Apr 2016 7:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 15 14:38:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30551	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	151673	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	98727	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	230646	20.00	ng		0.00
75) Chrysene-d12	21.83	240	257381	20.00	ng		0.00
86) Perylene-d12	25.16	264	256484	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	158025	86.14	ng		0.00
7) Phenol-d6	7.36	99	239226	87.30	ng		0.00
23) Nitrobenzene-d5	9.38	82	237469	80.47	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	92305	86.75	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	522086	77.48	ng		0.00
78) Terphenyl-d14	20.14	244	825456	80.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	31869	39.02	ng		87
3) Pyridine	4.04	79	97267	39.69	ng		90
4) n-Nitrosodimethylamine	3.95	42	46374	38.18	ng	#	85
6) Aniline	7.54	93	147774	40.77	ng		96
8) 2-Chlorophenol	7.78	128	93701	42.60	ng		98
9) Benzaldehyde	7.35	77	61920	39.07	ng		92
10) Phenol	7.39	94	127911	43.40	ng		97
11) bis(2-Chloroethyl)ether	7.63	93	95107	40.32	ng		95
12) 1,3-Dichlorobenzene	8.10	146	100104	40.76	ng		93
13) 1,4-Dichlorobenzene	8.26	146	100962	40.37	ng		94
14) 1,2-Dichlorobenzene	8.57	146	99508	41.48	ng		98
15) Benzyl Alcohol	8.45	79	89109	42.55	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	196731	38.93	ng		98
17) 2-Methylphenol	8.65	107	88388	43.37	ng		90
18) Hexachloroethane	9.31	117	36961	40.61	ng	#	74
19) n-Nitroso-di-n-propylamine	9.02	70	85021	39.93	ng		94
20) 3+4-Methylphenols	8.98	107	124289	44.57	ng		96
22) Acetophenone	9.04	105	163116	38.61	ng	#	98
24) Nitrobenzene	9.43	77	126024	39.89	ng		96
25) Isophorone	9.95	82	237745	36.81	ng		98
26) 2-Nitrophenol	10.14	139	54886	45.50	ng		97
27) 2,4-Dimethylphenol	10.19	122	107324	39.17	ng		99
28) bis(2-Chloroethoxy)methane	10.43	93	132159	38.51	ng	#	89
29) 2,4-Dichlorophenol	10.68	162	100396	42.98	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	102353	40.74	ng		94
31) Naphthalene	11.08	128	318992	39.30	ng	#	96
32) Benzoic acid	10.32	122	72452	46.65	ng		94
33) 4-Chloroaniline	11.19	127	142666	40.60	ng		97
34) Hexachlorobutadiene	11.36	225	63097	38.94	ng		95
35) Caprolactam	11.97	113	40367	37.76	ng		97
36) 4-Chloro-3-methylphenol	12.29	107	126057	42.91	ng		99
37) 2-Methylnaphthalene	12.67	142	227369	40.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	122450	39.69	ng		99
40) Hexachlorocyclopentadiene	13.01	237	68302	39.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	86042	43.73	ng	98
43) 2,4,5-Trichlorophenol	13.34	196	92438	43.54	ng	96
45) 1,1'-Biphenyl	13.66	154	326481	39.25	ng	97
46) 2-Chloronaphthalene	13.71	162	242775	39.48	ng	98
47) 2-Nitroaniline	13.91	65	89227	42.31	ng	97
48) Acenaphthylene	14.55	152	403063	39.64	ng	99
49) Dimethylphthalate	14.27	163	323055	37.85	ng	99
50) 2,6-Dinitrotoluene	14.40	165	70789	43.49	ng	97
51) Acenaphthene	14.89	154	258568	39.78	ng	99
52) 3-Nitroaniline	14.72	138	74925	41.51	ng	95
53) 2,4-Dinitrophenol	14.92	184	22238	39.66	ng	95
54) Dibenzofuran	15.22	168	352212	39.69	ng	99
55) 4-Nitrophenol	15.02	139	64066	41.45	ng	99
56) 2,4-Dinitrotoluene	15.17	165	100041	45.48	ng	98
57) Fluorene	15.86	166	315139	39.76	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.44	232	78194	44.39	ng	100
59) Diethylphthalate	15.62	149	339882	38.15	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	154609	39.60	ng	99
61) 4-Nitroaniline	15.88	138	81641	41.10	ng	96
62) Azobenzene	16.15	77	298818	39.13	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	40562	42.88	ng	97
65) n-Nitrosodiphenylamine	16.06	169	273989	39.61	ng	95
66) 4-Bromophenyl-phenylether	16.75	248	99929	40.44	ng	97
67) Hexachlorobenzene	16.86	284	107123	41.06	ng	95
68) Atrazine	17.00	200	106058	38.82	ng	100
69) Pentachlorophenol	17.20	266	57323	38.49	ng	94
70) Phenanthrene	17.60	178	493838	38.85	ng	99
71) Anthracene	17.69	178	507964	39.36	ng	98
72) Carbazole	17.96	167	454305	37.72	ng	97
73) Di-n-butylphthalate	18.50	149	587776	38.36	ng	99
74) Fluoranthene	19.59	202	575788	37.93	ng	99
76) Benzidine	19.77	184	277920	34.68	ng	98
77) Pyrene	19.95	202	588606	39.66	ng	99
79) Butylbenzylphthalate	20.82	149	281464	40.86	ng	99
80) Benzo(a)anthracene	21.81	228	586596	39.60	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	458485	39.10	ng	97
82) Chrysene	21.88	228	559138	39.29	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	399452	39.64	ng	98
84) Di-n-octyl phthalate	22.95	149	684115	40.53	ng	99
85) Indeno(1,2,3-cd)pyrene	28.97	276	677744	40.06	ng	99
87) Benzo(b)fluoranthene	24.10	252	578487	38.87	ng	99
88) Benzo(k)fluoranthene	24.17	252	581134	39.93	ng	99
89) Benzo(a)pyrene	25.00	252	564362	39.14	ng	97
90) Dibenzo(a,h)anthracene	29.04	278	579351	40.07	ng	97
91) Benzo(g,h,i)perylene	30.16	276	546834	38.55	ng	99

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

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