Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023076.D
Acq On : 13 Jul 2016 19:10
Operator : UM/SJ
Sample : H3946-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B5(6-12)CMS

Quant Time: Jul 14 13:47:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97643	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	461359	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	359727	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	890628	20.00	ng		0.00
75) Chrysene-d12	21.87	240	910597	20.00	ng		0.02
86) Perylene-d12	25.26	264	907597	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	510103	85.44	ng		0.00
7) Phenol-d6	7.31	99	830945	88.86	ng		0.00
23) Nitrobenzene-d5	9.33	82	573304	53.21	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	454792	70.35	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1170177	51.24	ng		0.00
78) Terphenyl-d14	20.16	244	1787542	53.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	90044	38.80	ng		96
3) Pyridine	3.97	79	155916	19.63	ng		99
4) n-Nitrosodimethylamine	3.88	42	83126	24.40	ng	#	99
6) Aniline	7.47	93	218747	16.88	ng		98
8) 2-Chlorophenol	7.71	128	187927	29.58	ng		97
9) Benzaldehyde	7.28	77	107031	17.13	ng		99
10) Phenol	7.34	94	303264	31.52	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	200502	26.29	ng		98
12) 1,3-Dichlorobenzene	8.04	146	186382	23.97	ng		97
13) 1,4-Dichlorobenzene	8.19	146	186441	23.95	ng		93
14) 1,2-Dichlorobenzene	8.51	146	185542	23.97	ng		97
15) Benzyl Alcohol	8.39	79	259274	30.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	242451	26.03	ng		96
17) 2-Methylphenol	8.60	107	194130	31.00	ng		93
18) Hexachloroethane	9.24	117	78714	23.95	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	219702	26.06	ng	#	91
20) 3+4-Methylphenols	8.93	107	267592	30.64	ng		96
22) Acetophenone	8.98	105	335413	24.22	ng	#	96
24) Nitrobenzene	9.37	77	310321	27.10	ng		96
25) Isophorone	9.89	82	577228	26.64	ng		96
26) 2-Nitrophenol	10.09	139	118951	26.48	ng		88
27) 2,4-Dimethylphenol	10.14	122	201200	25.91	ng		89
28) bis(2-Chloroethoxy)methane	10.37	93	324773	26.87	ng		95
29) 2,4-Dichlorophenol	10.63	162	239052	28.86	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	233068	24.56	ng		98
31) Naphthalene	11.03	128	602597	25.66	ng		100
33) 4-Chloroaniline	11.15	127	173546	15.11	ng		95
34) Hexachlorobutadiene	11.31	225	176372	22.92	ng		98
35) Caprolactam	11.91	113	77970	22.88	ng		95
36) 4-Chloro-3-methylphenol	12.26	107	306640	27.07	ng		92
37) 2-Methylnaphthalene	12.63	142	500180	26.95	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	327009	21.09	ng		99
40) Hexachlorocyclopentadiene	12.97	237	387055	43.37	ng		99
42) 2,4,6-Trichlorophenol	13.24	196	232409	26.08	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	250979	27.43	ng		92
45) 1,1'-Biphenyl	13.63	154	710567	26.33	ng		99
46) 2-Chloronaphthalene	13.68	162	589851	26.94	ng		98
47) 2-Nitroaniline	13.88	65	252788	27.06	ng		96
48) Acenaphthylene	14.53	152	892982	27.19	ng		99
49) Dimethylphthalate	14.25	163	1174337	39.96	ng		98
50) 2,6-Dinitrotoluene	14.38	165	184243	27.90	ng		86
51) Acenaphthene	14.86	154	581551	27.10	ng		100
52) 3-Nitroaniline	14.71	138	138103	20.97	ng		92
53) 2,4-Dinitrophenol	14.92	184	45673	10.08	ng		96
54) Dibenzofuran	15.20	168	950022	29.57	ng		98
55) 4-Nitrophenol	15.02	139	259635	47.04	ng		97
56) 2,4-Dinitrotoluene	15.16	165	258967	26.90	ng		92
57) Fluorene	15.85	166	765359	27.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.43	232	251337	27.46	ng		98
59) Diethylphthalate	15.60	149	857560	28.68	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	440473	26.16	ng		99
61) 4-Nitroaniline	15.87	138	177720	24.94	ng	#	82
62) Azobenzene	16.13	77	919133	32.14	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	121088	18.29	ng		98
65) n-Nitrosodiphenylamine	16.06	169	718659	28.01	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	301188	25.99	ng		98
67) Hexachlorobenzene	16.86	284	313199	24.86	ng		98
68) Atrazine	17.00	200	305915	26.88	ng		99
69) Pentachlorophenol	17.20	266	358466	43.94	ng		97
70) Phenanthrene	17.60	178	1243337	28.49	ng		98
71) Anthracene	17.69	178	1267602	28.68	ng		98
72) Carbazole	17.97	167	1102974	28.88	ng		97
73) Di-n-butylphthalate	18.50	149	1346495	31.70	ng		97
74) Fluoranthene	19.61	202	1438677	26.86	ng		95
76) Benzidine	19.79	184	699595	26.80	ng		98
77) Pyrene	19.97	202	1447654	28.29	ng		95
79) Butylbenzylphthalate	20.85	149	616746	30.43	ng		96
80) Benzo(a)anthracene	21.84	228	1462091	28.70	ng		94
81) 3,3'-Dichlorobenzidine	21.76	252	413998	18.51	ng	#	98
82) Chrysene	21.91	228	1367485	28.61	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	845079	30.03	ng		99
84) Di-n-octyl phthalate	23.00	149	1435966	30.59	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	1562102	25.64	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	1497428m	28.60	ng		
88) Benzo(k)fluoranthene	24.24	252	1430304	28.78	ng	#	98
89) Benzo(a)pyrene	25.09	252	1437799	28.64	ng	#	99
90) Dibenzo(a,h)anthracene	29.19	278	1315306	26.40	ng	#	96
91) Benzo(g,h,i)perylene	30.34	276	1282293	25.70	ng	#	97

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

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