Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
Data File : BG023165.D
Acq On : 18 Jul 2016 19:15
Operator : UM/SJ
Sample : H4044-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F9-B3(6-12)CMSD

Quant Time: Jul 19 01:34:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 01:16:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	122797	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	579480	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	397624	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	889314	20.00	ng		0.00
75) Chrysene-d12	21.75	240	889731	20.00	ng		0.00
86) Perylene-d12	25.03	264	874619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	737457	98.22	ng		-0.01
7) Phenol-d6	7.27	99	1155926	98.30	ng		-0.01
23) Nitrobenzene-d5	9.28	82	870029	64.29	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	503365	70.44	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	1667135	66.04	ng		0.00
78) Terphenyl-d14	20.07	244	2082250	69.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	65423	22.42	ng		94
3) Pyridine	3.94	79	142804	14.30	ng		95
4) n-Nitrosodimethylamine	3.86	42	125796	29.36	ng	#	97
6) Aniline	7.43	93	369579	22.68	ng		97
8) 2-Chlorophenol	7.67	128	278029	34.80	ng		95
9) Benzaldehyde	7.24	77	135371	17.23	ng		95
10) Phenol	7.30	94	435605	36.00	ng		87
11) bis(2-Chloroethyl)ether	7.52	93	295411	30.80	ng		92
12) 1,3-Dichlorobenzene	8.00	146	282106	28.84	ng		97
13) 1,4-Dichlorobenzene	8.14	146	292407	29.86	ng		98
14) 1,2-Dichlorobenzene	8.47	146	284159	29.19	ng		95
15) Benzyl Alcohol	8.35	79	374646	34.78	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	388082	33.13	ng		92
17) 2-Methylphenol	8.55	107	275040	34.92	ng		94
18) Hexachloroethane	9.20	117	121218	29.33	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	320029	30.19	ng		93
20) 3+4-Methylphenols	8.88	107	378809	34.49	ng		92
22) Acetophenone	8.94	105	491840	28.28	ng	#	95
24) Nitrobenzene	9.32	77	454364	31.60	ng		97
25) Isophorone	9.84	82	827530	30.40	ng		97
26) 2-Nitrophenol	10.04	139	170016	30.13	ng	#	83
27) 2,4-Dimethylphenol	10.09	122	284687	29.19	ng		89
28) bis(2-Chloroethoxy)methane	10.32	93	466280	30.72	ng		99
29) 2,4-Dichlorophenol	10.58	162	337943	32.49	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	350612	29.41	ng		96
31) Naphthalene	10.98	128	916612	31.07	ng		98
33) 4-Chloroaniline	11.09	127	344265	23.86	ng		97
34) Hexachlorobutadiene	11.26	225	259577	26.86	ng		94
35) Caprolactam	11.86	113	83413	19.49	ng	#	86
36) 4-Chloro-3-methylphenol	12.21	107	408937	28.74	ng		95
37) 2-Methylnaphthalene	12.58	142	734310	31.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	443073	25.86	ng		98
40) Hexachlorocyclopentadiene	12.92	237	321455	32.59	ng		99
42) 2,4,6-Trichlorophenol	13.18	196	301922	30.66	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	313027	30.95	ng		94
45) 1,1'-Biphenyl	13.58	154	960688	32.20	ng		97
46) 2-Chloronaphthalene	13.63	162	810486	33.49	ng		97
47) 2-Nitroaniline	13.83	65	335620	32.50	ng		96
48) Acenaphthylene	14.47	152	1197316	32.98	ng		99
49) Dimethylphthalate	14.19	163	1490472	45.89	ng		97
50) 2,6-Dinitrotoluene	14.32	165	234159	32.08	ng		88
51) Acenaphthene	14.81	154	762959	32.16	ng		99
52) 3-Nitroaniline	14.65	138	216696	29.77	ng		86
53) 2,4-Dinitrophenol	14.86	184	68368	13.65	ng		92
54) Dibenzofuran	15.14	168	1231098	34.67	ng		96
55) 4-Nitrophenol	14.97	139	341977	56.05	ng		91
56) 2,4-Dinitrotoluene	15.10	165	326207	30.65	ng		94
57) Fluorene	15.79	166	973242	31.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	290563	28.71	ng		95
59) Diethylphthalate	15.54	149	1046056	31.65	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	537475	28.87	ng		98
61) 4-Nitroaniline	15.81	138	230124	29.22	ng	#	83
62) Azobenzene	16.06	77	1199508	37.95	ng		93
64) 4,6-Dinitro-2-methylphenol	15.86	198	99276	15.02	ng		93
65) n-Nitrosodiphenylamine	15.99	169	890978	34.77	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	338203	29.23	ng		95
67) Hexachlorobenzene	16.79	284	349939	27.82	ng		95
68) Atrazine	16.93	200	350916	30.88	ng		97
69) Pentachlorophenol	17.13	266	371256	45.57	ng		96
70) Phenanthrene	17.53	178	1498631	34.39	ng		98
71) Anthracene	17.61	178	1500184	33.99	ng		99
72) Carbazole	17.89	167	1337312	35.07	ng		99
73) Di-n-butylphthalate	18.42	149	1596592	37.65	ng		98
74) Fluoranthene	19.52	202	1706306	31.90	ng		96
76) Benzidine	19.70	184	683047	26.78	ng		99
77) Pyrene	19.89	202	1741041	34.82	ng		97
79) Butylbenzylphthalate	20.75	149	767295	38.74	ng		98
80) Benzo(a)anthracene	21.73	228	1677979	33.71	ng		96
81) 3,3'-Dichlorobenzidine	21.64	252	561646	25.70	ng	#	95
82) Chrysene	21.80	228	1583198	33.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.60	149	1124708	40.90	ng		98
84) Di-n-octyl phthalate	22.83	149	1761445	38.41	ng		100
85) Indeno(1,2,3-cd)pyrene	28.78	276	1558043	26.17	ng	#	100
87) Benzo(b)fluoranthene	23.98	252	1707486	33.84	ng	#	98
88) Benzo(k)fluoranthene	24.05	252	1612981	33.68	ng	#	98
89) Benzo(a)pyrene	24.88	252	1634684	33.80	ng	#	98
90) Dibenzo(a,h)anthracene	28.84	278	1297515	27.03	ng	#	94
91) Benzo(g,h,i)perylene	29.96	276	1165363	24.24	ng	#	92

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

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