Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023839.D
Acq On : 22 Aug 2016 18:45
Operator : UM/SJ
Sample : PB92989BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92989BS

Manual Integrations APPROVED
sohil
8/23/2016 6:22:18 PM

Quant Time: Aug 23 01:07:58 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	110667	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	460342	20.00	ng		-0.03
38) Acenaphthene-d10	14.76	164	287785	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	685561	20.00	ng		-0.01
75) Chrysene-d12	21.85	240	796960	20.00	ng		-0.01
86) Perylene-d12	25.23	264	803169	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	740895	112.69	ng		-0.03
7) Phenol-d6	7.25	99	1029445	100.53	ng		-0.03
23) Nitrobenzene-d5	9.27	82	697333	75.31	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	410861	97.61	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1322623	77.52	ng		-0.02
78) Terphenyl-d14	20.14	244	2022912	77.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	81223	29.00	ng		93
3) Pyridine	3.90	79	269506	29.28	ng		92
4) n-Nitrosodimethylamine	3.81	42	129983	38.09	ng	#	84
6) Aniline	7.41	93	223233	15.09	ng		97
8) 2-Chlorophenol	7.66	128	263622	34.90	ng		98
9) Benzaldehyde	7.22	77	94317	13.14	ng		93
10) Phenol	7.28	94	375890	34.31	ng		86
11) bis(2-Chloroethyl)ether	7.50	93	280305	32.08	ng		92
12) 1,3-Dichlorobenzene	7.98	146	294392	34.04	ng		94
13) 1,4-Dichlorobenzene	8.13	146	290490	32.81	ng		97
14) 1,2-Dichlorobenzene	8.45	146	276611	31.85	ng		95
15) Benzyl Alcohol	8.34	79	301349	38.84	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	382082	29.73	ng		90
17) 2-Methylphenol	8.54	107	242863	33.07	ng		91
18) Hexachloroethane	9.18	117	115122	34.55	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	257313	29.21	ng		99
20) 3+4-Methylphenols	8.88	107	337834	32.63	ng		92
22) Acetophenone	8.92	105	382830	30.37	ng	#	95
24) Nitrobenzene	9.32	77	381774	37.23	ng		91
25) Isophorone	9.83	82	653211	33.87	ng	#	94
26) 2-Nitrophenol	10.03	139	155172	35.86	ng	#	82
27) 2,4-Dimethylphenol	10.09	122	257718	34.97	ng		89
28) bis(2-Chloroethoxy)methane	10.32	93	378894	32.68	ng		98
29) 2,4-Dichlorophenol	10.58	162	277834	37.50	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	285142	35.68	ng		95
31) Naphthalene	10.98	128	814189	34.73	ng		100
32) Benzoic acid	10.22	122	99029	19.08	ng		95
33) 4-Chloroaniline	11.10	127	93915	8.38	ng		95
34) Hexachlorobutadiene	11.25	225	195262	37.16	ng		94
35) Caprolactam	11.87	113	91412	29.32	ng	#	91
36) 4-Chloro-3-methylphenol	12.22	107	319791	32.85	ng		91
37) 2-Methylnaphthalene	12.58	142	581441m	32.63	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	291401	27.92	ng		99
40) Hexachlorocyclopentadiene	12.92	237	283528	53.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	218946	35.22	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	226238	35.35	ng		89
45) 1,1'-Biphenyl	13.59	154	687398	31.25	ng		98
46) 2-Chloronaphthalene	13.64	162	609829	35.83	ng		97
47) 2-Nitroaniline	13.85	65	244802	34.64	ng		87
48) Acenaphthylene	14.49	152	954042	35.46	ng		100
49) Dimethylphthalate	14.21	163	796193	36.06	ng		98
50) 2,6-Dinitrotoluene	14.34	165	174705	33.41	ng		91
51) Acenaphthene	14.83	154	597710	35.07	ng		98
52) 3-Nitroaniline	14.68	138	95528	16.20	ng		81
53) 2,4-Dinitrophenol	14.90	184	97993	29.24	ng		96
54) Dibenzofuran	15.16	168	956795	38.67	ng		96
55) 4-Nitrophenol	15.00	139	268958	58.08	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	259445	35.35	ng		90
57) Fluorene	15.82	166	779758	36.11	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	220312	37.51	ng		95
59) Diethylphthalate	15.57	149	812505	36.25	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	396723	34.72	ng		98
61) 4-Nitroaniline	15.85	138	179104	28.53	ng	#	72
62) Azobenzene	16.10	77	899481	39.59	ng		92
64) 4,6-Dinitro-2-methylphenol	15.91	198	102437	21.98	ng		93
65) n-Nitrosodiphenylamine	16.02	169	700263	34.82	ng		96
66) 4-Bromophenyl-phenylether	16.71	248	276148	34.56	ng		96
67) Hexachlorobenzene	16.83	284	294299	33.67	ng		95
68) Atrazine	16.97	200	286789	37.14	ng		95
69) Pentachlorophenol	17.18	266	276013	54.16	ng		96
70) Phenanthrene	17.57	178	1271370	36.55	ng		98
71) Anthracene	17.67	178	1308308	37.39	ng		98
72) Carbazole	17.94	167	1203014	39.16	ng		98
73) Di-n-butylphthalate	18.48	149	1423941	45.85	ng		97
74) Fluoranthene	19.59	202	1575864	48.92	ng		95
76) Benzidine	19.77	184	560643	25.31	ng		98
77) Pyrene	19.95	202	1591338	32.89	ng		96
79) Butylbenzylphthalate	20.82	149	725281	37.79	ng		96
80) Benzo(a)anthracene	21.82	228	1600674	36.38	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	310671	17.22	ng	#	99
82) Chrysene	21.89	228	1495579	35.73	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	981379	37.34	ng	#	99
84) Di-n-octyl phthalate	22.96	149	1682140	37.50	ng		98
85) Indeno(1,2,3-cd)pyrene	29.11	276	1840313	35.19	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1611146	35.65	ng	#	97
88) Benzo(k)fluoranthene	24.22	252	1585105	36.52	ng	#	98
89) Benzo(a)pyrene	25.07	252	1570513	36.54	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	1575249	35.88	ng	#	93
91) Benzo(g,h,i)perylene	30.33	276	1510283	34.16	ng	#	90

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

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