Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021632.D
Acq On : 13 Apr 2016 22:11
Operator : UM/SJ
Sample : PB89734BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Manual Integrations APPROVED
Sohil
4/14/2016 5:29:59 PM

Quant Time: Apr 14 11:12:44 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	27356	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	125290	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	81299	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	203475	20.00	ng		0.00
75) Chrysene-d12	21.83	240	226449	20.00	ng		0.00
86) Perylene-d12	25.16	264	218439	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	141954	86.41	ng		0.00
7) Phenol-d6	7.36	99	207910	84.73	ng		0.00
23) Nitrobenzene-d5	9.38	82	179222	73.52	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	75887	86.61	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	425153	76.62	ng		0.00
78) Terphenyl-d14	20.15	244	678526	74.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	23536	32.19	ng		90
3) Pyridine	4.04	79	70968	32.34	ng		91
4) n-Nitrosodimethylamine	3.95	42	38582	35.48	ng	#	86
6) Aniline	7.54	93	36579	11.27	ng		94
8) 2-Chlorophenol	7.78	128	79189	40.21	ng		97
9) Benzaldehyde	7.35	77	20632	14.54	ng		94
10) Phenol	7.38	94	110790	41.98	ng		97
11) bis(2-Chloroethyl)ether	7.63	93	75185	35.59	ng		93
12) 1,3-Dichlorobenzene	8.11	146	78660	35.77	ng		96
13) 1,4-Dichlorobenzene	8.25	146	80807	36.09	ng		97
14) 1,2-Dichlorobenzene	8.58	146	77423	36.04	ng		97
15) Benzyl Alcohol	8.45	79	78389	41.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	149672	33.08	ng		99
17) 2-Methylphenol	8.65	107	74979	41.09	ng		93
18) Hexachloroethane	9.31	117	29200	35.83	ng	#	76
19) n-Nitroso-di-n-propylamine	9.02	70	67579	35.44	ng		96
20) 3+4-Methylphenols	8.97	107	103532	41.46	ng		97
22) Acetophenone	9.04	105	122567	35.12	ng	#	97
24) Nitrobenzene	9.43	77	95163	36.46	ng		98
25) Isophorone	9.95	82	185595	34.79	ng		99
26) 2-Nitrophenol	10.14	139	37691	37.83	ng		93
27) 2,4-Dimethylphenol	10.19	122	91564	40.45	ng		97
28) bis(2-Chloroethoxy)methane	10.43	93	110391	38.94	ng		95
29) 2,4-Dichlorophenol	10.67	162	82285	42.64	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	76077	36.66	ng		90
31) Naphthalene	11.09	128	245216	36.57	ng	#	94
32) Benzoic acid	10.29	122	52262m	42.14	ng		
33) 4-Chloroaniline	11.19	127	20855	7.18	ng		98
34) Hexachlorobutadiene	11.37	225	46418	34.68	ng		98
35) Caprolactam	11.94	113	34850m	39.46	ng		
36) 4-Chloro-3-methylphenol	12.28	107	101167	41.69	ng		99
37) 2-Methylnaphthalene	12.67	142	184352	40.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	90921	35.79	ng	#	98
40) Hexachlorocyclopentadiene	13.01	237	117988	83.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	65353	40.34 ng	94
43) 2,4,5-Trichlorophenol	13.33	196	73801	42.21 ng	97
45) 1,1'-Biphenyl	13.67	154	245875	35.90 ng	98
46) 2-Chloronaphthalene	13.71	162	187418	37.01 ng	99
47) 2-Nitroaniline	13.90	65	71753	41.32 ng	95
48) Acenaphthylene	14.55	152	318726	38.07 ng	98
49) Dimethylphthalate	14.28	163	269495	38.34 ng	99
50) 2,6-Dinitrotoluene	14.39	165	56305	42.01 ng	99
51) Acenaphthene	14.89	154	220933	41.28 ng	97
52) 3-Nitroaniline	14.72	138	14388	9.68 ng	97
53) 2,4-Dinitrophenol	14.92	184	45080	86.74 ng	91
54) Dibenzofuran	15.22	168	309640	42.37 ng	98
55) 4-Nitrophenol	15.01	139	110894	87.13 ng	95
56) 2,4-Dinitrotoluene	15.17	165	81780	45.15 ng	98
57) Fluorene	15.87	166	257470	39.45 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	68094	46.94 ng	98
59) Diethylphthalate	15.63	149	283112	38.59 ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	124246	38.64 ng	99
61) 4-Nitroaniline	15.87	138	63767	38.99 ng	96
62) Azobenzene	16.15	77	271058	43.11 ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	31127	38.00 ng	93
65) n-Nitrosodiphenylamine	16.06	169	235679	38.62 ng	97
66) 4-Bromophenyl-phenylether	16.74	248	81089	37.20 ng	98
67) Hexachlorobenzene	16.86	284	85334	37.08 ng	97
68) Atrazine	17.00	200	86746	36.00 ng	98
69) Pentachlorophenol	17.20	266	109604	83.42 ng	93
70) Phenanthrene	17.60	178	432195	38.54 ng	99
71) Anthracene	17.69	178	437814	38.46 ng	98
72) Carbazole	17.95	167	409677	38.56 ng	99
73) Di-n-butylphthalate	18.51	149	497924	36.84 ng	99
74) Fluoranthene	19.59	202	503880	37.63 ng	99
76) Benzidine	19.76	184	138980	19.71 ng	99
77) Pyrene	19.95	202	519422	39.78 ng	99
79) Butylbenzylphthalate	20.83	149	233852	38.58 ng	98
80) Benzo(a)anthracene	21.81	228	512968	39.36 ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	79010	7.66 ng	99
82) Chrysene	21.88	228	468761	37.44 ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	332038	37.45 ng	100
84) Di-n-octyl phthalate	22.96	149	577646	38.90 ng	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	571319	38.38 ng	98
87) Benzo(b)fluoranthene	24.10	252	508252	40.10 ng	99
88) Benzo(k)fluoranthene	24.17	252	486534	39.26 ng	99
89) Benzo(a)pyrene	25.01	252	487675	39.71 ng	98
90) Dibenzo(a,h)anthracene	29.05	278	483624	39.28 ng	99
91) Benzo(g,h,i)perylene	30.17	276	471632	39.03 ng	98

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

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