Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021669.D
Acq On : 15 Apr 2016 1:51
Operator : UM/SJ
Sample : H2517-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0572MSD

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:51 PM

Quant Time: Apr 15 04:11:20 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	8.21	152	29806	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	141491	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	97806	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	224132	20.00	ng		0.00
75) Chrysene-d12	21.83	240	252132	20.00	ng		0.00
86) Perylene-d12	25.16	264	246799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	138079	77.14	ng		0.00
7) Phenol-d6	7.36	99	128936	48.23	ng		0.00
23) Nitrobenzene-d5	9.38	82	287458	104.43	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	187820	178.18	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	667637	100.01	ng		0.00
78) Terphenyl-d14	20.14	244	915520	90.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	12761	16.02	ng	#	80
3) Pyridine	4.04	79	35778	14.96	ng		91
4) n-Nitrosodimethylamine	3.95	42	22527	19.01	ng	#	78
6) Aniline	7.54	93	65551	18.54	ng		93
8) 2-Chlorophenol	7.78	128	93076	43.38	ng		96
9) Benzaldehyde	7.35	77	36463	23.59	ng		92
10) Phenol	7.39	94	46000	16.00	ng		99
11) bis(2-Chloroethyl)ether	7.63	93	110548	48.03	ng		94
12) 1,3-Dichlorobenzene	8.11	146	99823	41.66	ng		94
13) 1,4-Dichlorobenzene	8.26	146	104147	42.69	ng		93
14) 1,2-Dichlorobenzene	8.57	146	102890	43.96	ng		94
15) Benzyl Alcohol	8.45	79	70392	34.45	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	219288	44.48	ng		97
17) 2-Methylphenol	8.65	107	72425	36.43	ng		95
18) Hexachloroethane	9.31	117	36294	40.88	ng	#	73
19) n-Nitroso-di-n-propylamine	9.02	70	104178	50.15	ng		92
20) 3+4-Methylphenols	8.98	107	89852	33.03	ng		96
22) Acetophenone	9.04	105	184632	46.85	ng	#	96
24) Nitrobenzene	9.42	77	144162	48.91	ng		96
25) Isophorone	9.95	82	282330	46.86	ng		99
26) 2-Nitrophenol	10.14	139	62473	55.52	ng		95
27) 2,4-Dimethylphenol	10.19	122	111262	43.53	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	163747	51.15	ng		94
29) 2,4-Dichlorophenol	10.67	162	114637	52.60	ng		99
30) 1,2,4-Trichlorobenzene	10.89	180	109766	46.84	ng		93
31) Naphthalene	11.09	128	357047	47.15	ng	#	95
32) Benzoic acid	10.26	122	21437m	19.81	ng		
33) 4-Chloroaniline	11.19	127	52317	15.96	ng		96
34) Hexachlorobutadiene	11.36	225	66513	44.00	ng		98
35) Caprolactam	11.96	113	7118	7.14	ng	#	90
36) 4-Chloro-3-methylphenol	12.28	107	133246	48.62	ng		97
37) 2-Methylnaphthalene	12.67	142	276166	53.13	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	138713	45.38	ng		98
40) Hexachlorocyclopentadiene	13.01	237	154942	91.25	ng		98

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	100801	51.72	ng	99
43) 2,4,5-Trichlorophenol	13.33	196	110250	52.42	ng	98
45) 1,1'-Biphenyl	13.67	154	374312	45.42	ng	98
46) 2-Chloronaphthalene	13.71	162	287948	47.26	ng	99
47) 2-Nitroaniline	13.91	65	112198	53.71	ng	95
48) Acenaphthylene	14.55	152	478538	47.51	ng	98
49) Dimethylphthalate	14.27	163	403200	47.68	ng	99
50) 2,6-Dinitrotoluene	14.39	165	88242	54.72	ng	98
51) Acenaphthene	14.89	154	344802	53.54	ng	98
52) 3-Nitroaniline	14.72	138	38531	21.55	ng	94
53) 2,4-Dinitrophenol	14.92	184	74228	115.96	ng	95
54) Dibenzofuran	15.22	168	475445	54.07	ng	98
55) 4-Nitrophenol	15.01	139	54544	35.62	ng	93
56) 2,4-Dinitrotoluene	15.18	165	126398	58.00	ng	96
57) Fluorene	15.86	166	392206	49.95	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	103284	59.19	ng	99
59) Diethylphthalate	15.63	149	420657	47.66	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	191536	49.52	ng	99
61) 4-Nitroaniline	15.88	138	89840	45.66	ng	97
62) Azobenzene	16.15	77	404816	53.52	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	55001	57.69	ng	95
65) n-Nitrosodiphenylamine	16.06	169	349630	52.01	ng	95
66) 4-Bromophenyl-phenylether	16.75	248	126858	52.83	ng	96
67) Hexachlorobenzene	16.86	284	133223	52.55	ng	96
68) Atrazine	17.00	200	132335	49.85	ng	99
69) Pentachlorophenol	17.20	266	163218	112.78	ng	95
70) Phenanthrene	17.60	178	632312	51.19	ng	98
71) Anthracene	17.69	178	630740	50.30	ng	97
72) Carbazole	17.96	167	586843	50.14	ng	99
73) Di-n-butylphthalate	18.50	149	712337	47.85	ng	98
74) Fluoranthene	19.59	202	713197	48.35	ng	100
76) Benzidine	19.77	184	274843	35.01	ng	98
77) Pyrene	19.95	202	726182	49.95	ng	99
79) Butylbenzylphthalate	20.82	149	342333	50.73	ng	99
80) Benzo(a)anthracene	21.81	228	732093	50.45	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	95686	8.33	ng	97
82) Chrysene	21.88	228	675151	48.43	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	495197	50.17	ng	99
84) Di-n-octyl phthalate	22.95	149	850150	51.41	ng	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	846718	51.09	ng	99
87) Benzo(b)fluoranthene	24.10	252	750563	52.41	ng	99
88) Benzo(k)fluoranthene	24.17	252	701115	50.07	ng	99
89) Benzo(a)pyrene	25.01	252	708475	51.06	ng	98
90) Dibenzo(a,h)anthracene	29.04	278	715702	51.45	ng	98
91) Benzo(g,h,i)perylene	30.17	276	698280	51.15	ng	98

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

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