Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021693.D
Acq On : 15 Apr 2016 19:56
Operator : UM/SJ
Sample : PB89849BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB89849BS

Manual Integrations APPROVED
Sohil
4/18/2016 7:18:24 PM

Quant Time: Apr 16 03:10:39 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	27643	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	116573	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	72553	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	186086	20.00	ng		0.00
75) Chrysene-d12	21.83	240	226928	20.00	ng		0.00
86) Perylene-d12	25.16	264	227664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	190451	114.73	ng		0.00
7) Phenol-d6	7.37	99	269049	108.51	ng		0.01
23) Nitrobenzene-d5	9.38	82	158765	70.00	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	104275	133.35	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	364181	73.54	ng		0.00
78) Terphenyl-d14	20.14	244	658169	72.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	19208	25.99	ng		86
3) Pyridine	4.03	79	59555	26.86	ng		89
4) n-Nitrosodimethylamine	3.95	42	32456	29.53	ng	#	87
6) Aniline	7.54	93	42828	13.06	ng		95
8) 2-Chlorophenol	7.78	128	65710	33.02	ng		95
9) Benzaldehyde	7.35	77	18837	13.14	ng	#	85
10) Phenol	7.40	94	89938	33.72	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	63059	29.54	ng		94
12) 1,3-Dichlorobenzene	8.11	146	69389	31.22	ng		96
13) 1,4-Dichlorobenzene	8.25	146	70586	31.20	ng		91
14) 1,2-Dichlorobenzene	8.58	146	67533	31.11	ng		97
15) Benzyl Alcohol	8.45	79	63831	33.68	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	121597	26.60	ng		98
17) 2-Methylphenol	8.66	107	61144	33.16	ng		92
18) Hexachloroethane	9.30	117	26042	31.63	ng	#	76
19) n-Nitroso-di-n-propylamine	9.02	70	54417	28.24	ng	#	98
20) 3+4-Methylphenols	8.98	107	82314	32.62	ng		95
22) Acetophenone	9.04	105	98749	30.41	ng	#	98
24) Nitrobenzene	9.43	77	78428	32.30	ng		98
25) Isophorone	9.95	82	149560	30.13	ng		99
26) 2-Nitrophenol	10.14	139	35995	38.82	ng		95
27) 2,4-Dimethylphenol	10.19	122	68413	32.48	ng		98
28) bis(2-Chloroethoxy)methane	10.43	93	87115	33.03	ng		95
29) 2,4-Dichlorophenol	10.67	162	67855	37.79	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	64792	33.56	ng		93
31) Naphthalene	11.08	128	199742	32.02	ng	#	95
32) Benzoic acid	10.30	122	36355	33.85	ng		95
33) 4-Chloroaniline	11.18	127	34837	12.90	ng		96
34) Hexachlorobutadiene	11.36	225	42154	33.85	ng		97
35) Caprolactam	11.95	113	29050m	35.36	ng		
36) 4-Chloro-3-methylphenol	12.29	107	80021	35.44	ng		97
37) 2-Methylnaphthalene	12.67	142	147497	34.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	74230	32.74	ng		97
40) Hexachlorocyclopentadiene	13.01	237	102272	81.20	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	55146	38.14	ng		97
43) 2,4,5-Trichlorophenol	13.34	196	59919	38.41	ng		97
45) 1,1'-Biphenyl	13.66	154	193334	31.63	ng		99
46) 2-Chloronaphthalene	13.71	162	147590	32.66	ng		98
47) 2-Nitroaniline	13.90	65	56044	36.17	ng		98
48) Acenaphthylene	14.55	152	245740	32.89	ng		99
49) Dimethylphthalate	14.27	163	208756	33.28	ng		97
50) 2,6-Dinitrotoluene	14.39	165	44649	37.33	ng		95
51) Acenaphthene	14.89	154	173404	36.30	ng		99
52) 3-Nitroaniline	14.72	138	23734	17.89	ng		98
53) 2,4-Dinitrophenol	14.93	184	36304	79.00	ng		88
54) Dibenzofuran	15.22	168	243722	37.37	ng		99
55) 4-Nitrophenol	15.03	139	96067	84.58	ng		97
56) 2,4-Dinitrotoluene	15.17	165	65205	40.33	ng		95
57) Fluorene	15.87	166	201035	34.51	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.44	232	57091	44.10	ng		99
59) Diethylphthalate	15.62	149	228601	34.91	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	96922	33.78	ng		95
61) 4-Nitroaniline	15.88	138	57255	39.22	ng		97
62) Azobenzene	16.14	77	207193	36.92	ng		97
64) 4,6-Dinitro-2-methylphenol	15.93	198	28741	38.31	ng		93
65) n-Nitrosodiphenylamine	16.07	169	185048	33.16	ng		94
66) 4-Bromophenyl-phenylether	16.74	248	65238	32.72	ng		97
67) Hexachlorobenzene	16.86	284	68395	32.50	ng		97
68) Atrazine	17.00	200	82787	37.56	ng		98
69) Pentachlorophenol	17.21	266	79803	66.42	ng		94
70) Phenanthrene	17.60	178	348128	33.94	ng		98
71) Anthracene	17.69	178	351316	33.74	ng		99
72) Carbazole	17.96	167	358077	36.85	ng		99
73) Di-n-butylphthalate	18.50	149	452910	36.64	ng		99
74) Fluoranthene	19.59	202	445986	36.42	ng		100
76) Benzidine	19.77	184	170555	24.14	ng		99
77) Pyrene	19.96	202	460304	35.18	ng		99
79) Butylbenzylphthalate	20.83	149	208936	34.40	ng		98
80) Benzo(a)anthracene	21.81	228	456324	34.94	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	82604	7.99	ng		98
82) Chrysene	21.88	228	418672	33.37	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	302653	34.07	ng	#	99
84) Di-n-octyl phthalate	22.95	149	525385	35.30	ng		98
85) Indeno(1,2,3-cd)pyrene	28.98	276	522763	35.05	ng	#	96
87) Benzo(b)fluoranthene	24.10	252	457931	34.67	ng		100
88) Benzo(k)fluoranthene	24.17	252	428604	33.18	ng		99
89) Benzo(a)pyrene	25.01	252	439087	34.31	ng		99
90) Dibenzo(a,h)anthracene	29.05	278	437814	34.12	ng		99
91) Benzo(g,h,i)perylene	30.18	276	429879	34.14	ng		97

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

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