Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029309.D
Acq On : 17 Oct 2017 20:12
Operator : SJ/JU
Sample : PB103373BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103373BS

Manual Integrations APPROVED
Sohil
10/18/2017 7:28:59 PM

Quant Time: Oct 18 02:44:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62188	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	287645	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	199142	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	476203	20.00	ng		0.00
75) Chrysene-d12	21.80	240	493885	20.00	ng		0.00
86) Perylene-d12	25.11	264	509110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	252338	67.79	ng		0.00
7) Phenol-d6	7.32	99	342309	65.51	ng		0.00
23) Nitrobenzene-d5	9.33	82	293856	64.92	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	169403	65.89	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	810394	59.68	ng		0.00
78) Terphenyl-d14	20.12	244	1369271	63.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	36171	23.948	ng	#	80
3) Pyridine	3.98	79	105441	23.973	ng		93
4) n-Nitrosodimethylamine	3.89	42	53786	26.160	ng	#	86
6) Aniline	7.48	93	40437	6.250	ng		94
8) 2-Chlorophenol	7.73	128	120863	28.325	ng		90
9) Benzaldehyde	7.30	77	35152	13.375	ng		90
10) Phenol	7.35	94	160494	28.490	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	107487	26.189	ng		89
12) 1,3-Dichlorobenzene	8.06	146	121122	25.284	ng		98
13) 1,4-Dichlorobenzene	8.21	146	126038	25.769	ng		91
14) 1,2-Dichlorobenzene	8.52	146	119342	25.297	ng		99
15) Benzyl Alcohol	8.40	79	106192	28.839	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.69	45	178765	25.647	ng		95
17) 2-Methylphenol	8.61	107	107090	28.617	ng		98
18) Hexachloroethane	9.26	117	41887	25.130	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	90488	25.469	ng	#	97
20) 3+4-Methylphenols	8.94	107	150934	28.625	ng		96
22) Acetophenone	8.99	105	174864	25.225	ng	#	95
24) Nitrobenzene	9.38	77	134914	26.509	ng		92
25) Isophorone	9.90	82	249307	26.383	ng	#	92
26) 2-Nitrophenol	10.09	139	66619	27.388	ng		91
27) 2,4-Dimethylphenol	10.15	122	125922	28.612	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	155819	26.891	ng		97
29) 2,4-Dichlorophenol	10.63	162	136561	29.098	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	132191	26.072	ng		100
31) Naphthalene	11.04	128	381035	26.580	ng		98
32) Benzoic acid	10.25	122	94635	25.681	ng		89
33) 4-Chloroaniline	11.14	127	28539	4.733	ng		93
34) Hexachlorobutadiene	11.32	225	76682	24.325	ng		96
35) Caprolactam	11.90	113	47972m	30.757	ng		
36) 4-Chloro-3-methylphenol	12.25	107	146211	28.326	ng		89
37) 2-Methylnaphthalene	12.63	142	299537	28.669	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	161927	22.271	ng		97
40) Hexachlorocyclopentadiene	12.97	237	175953	64.822	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	118055	25.865	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	129682	27.666	ng		95
45) 1,1'-Biphenyl	13.62	154	411070	24.015	ng		97
46) 2-Chloronaphthalene	13.67	162	319301	25.574	ng		97
47) 2-Nitroaniline	13.86	65	96170	28.043	ng	#	84
48) Acenaphthylene	14.51	152	516566	26.436	ng		99
49) Dimethylphthalate	14.23	163	418535	26.937	ng		99
50) 2,6-Dinitrotoluene	14.35	165	92989	28.549	ng	#	85
51) Acenaphthene	14.85	154	322221	25.345	ng		99
52) 3-Nitroaniline	14.68	138	32073	9.125	ng	#	82
53) 2,4-Dinitrophenol	14.89	184	101975	58.773	ng	#	56
54) Dibenzofuran	15.18	168	518717	28.580	ng		98
55) 4-Nitrophenol	14.99	139	167481	57.800	ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	133981	30.386	ng	#	79
57) Fluorene	15.83	166	413435	27.575	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	125118	31.994	ng		97
59) Diethylphthalate	15.59	149	428548	27.676	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	223565	27.967	ng		97
61) 4-Nitroaniline	15.84	138	99415	27.546	ng		85
62) Azobenzene	16.11	77	390058	29.872	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	67137	27.209	ng		82
65) n-Nitrosodiphenylamine	16.03	169	379252	26.586	ng		100
66) 4-Bromophenyl-phenylether	16.71	248	145431	26.615	ng		97
67) Hexachlorobenzene	16.83	284	156898	25.349	ng		96
68) Atrazine	16.97	200	140469	27.597	ng		99
69) Pentachlorophenol	17.17	266	194857	54.802	ng		98
70) Phenanthrene	17.57	178	680948	27.680	ng		97
71) Anthracene	17.66	178	699078	28.300	ng		98
72) Carbazole	17.92	167	640661	26.998	ng		99
73) Di-n-butylphthalate	18.47	149	753095	27.594	ng		99
74) Fluoranthene	19.56	202	826018	28.707	ng		98
76) Benzidine	19.74	184	259553	17.405	ng		99
77) Pyrene	19.92	202	848199	28.311	ng		97
79) Butylbenzylphthalate	20.80	149	348471	27.301	ng		88
80) Benzo(a)anthracene	21.78	228	818373	28.223	ng		99
81) 3,3'-Dichlorobenzidine	21.69	252	172752	14.434	ng		97
82) Chrysene	21.84	228	761209	27.411	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	487758	26.627	ng		98
84) Di-n-octyl phthalate	22.91	149	841172	26.348	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	844516	24.719	ng	#	91
87) Benzo(b)fluoranthene	24.05	252	814950	27.960	ng		99
88) Benzo(k)fluoranthene	24.12	252	824850	28.406	ng		99
89) Benzo(a)pyrene	24.95	252	793048	28.303	ng		98
90) Dibenzo(a,h)anthracene	28.96	278	700067	24.678	ng		98
91) Benzo(g,h,i)perylene	30.08	276	643214	24.403	ng		98

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

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