Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032670.D
Acq On : 13 Feb 2018 21:05
Operator : SJ/JU
Sample : PB106456BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106456BS

Manual Integrations APPROVED
Sohil
2/14/2018 10:31:15 AM

Quant Time: Feb 14 03:34:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	33441	20.00	ng		0.00
21) Naphthalene-d8	11.54	136	142197	20.00	ng		0.00
38) Acenaphthene-d10	15.30	164	102175	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	270516	20.00	ng		0.00
75) Chrysene-d12	22.37	240	319601	20.00	ng		0.00
86) Perylene-d12	26.01	264	343073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	205523	123.31	ng		0.00
7) Phenol-d6	7.79	99	257459	112.96	ng		0.00
23) Nitrobenzene-d5	9.87	82	158640	70.90	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	165227	105.02	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	570972	69.88	ng		0.00
78) Terphenyl-d14	20.59	244	1094638	78.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	20225	29.007	ng	#	75
3) Pyridine	4.23	79	52436	29.320	ng		91
4) n-Nitrosodimethylamine	4.14	42	27562	32.798	ng	#	77
6) Aniline	7.97	93	39976	14.841	ng		97
8) 2-Chlorophenol	8.22	128	77115	40.235	ng		90
9) Benzaldehyde	7.79	77	13269m	9.851	ng		
10) Phenol	7.82	94	87874	39.644	ng		90
11) bis(2-Chloroethyl)ether	8.06	93	58666	33.014	ng	#	82
12) 1,3-Dichlorobenzene	8.56	146	86902	32.148	ng		96
13) 1,4-Dichlorobenzene	8.71	146	81982	30.698	ng		96
14) 1,2-Dichlorobenzene	9.03	146	85633	31.792	ng		96
15) Benzyl Alcohol	8.91	79	60445	35.384	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.20	45	61897	32.364	ng		73
17) 2-Methylphenol	9.11	107	55401	35.292	ng		93
18) Hexachloroethane	9.79	117	32658	33.491	ng		90
19) n-Nitroso-di-n-propylamine	9.48	70	48029	31.347	ng	#	94
20) 3+4-Methylphenols	9.45	107	81344	34.285	ng		92
22) Acetophenone	9.51	105	101277	33.489	ng	#	97
24) Nitrobenzene	9.92	77	74119	31.640	ng	#	90
25) Isophorone	10.43	82	144820	33.950	ng	#	88
26) 2-Nitrophenol	10.64	139	43867	35.012	ng	#	80
27) 2,4-Dimethylphenol	10.67	122	76201	46.292	ng		97
28) bis(2-Chloroethoxy)methane	10.91	93	77831	35.692	ng		98
29) 2,4-Dichlorophenol	11.18	162	85492	35.485	ng		92
30) 1,2,4-Trichlorobenzene	11.40	180	103867	30.751	ng		94
31) Naphthalene	11.60	128	225703	32.689	ng		99
32) Benzoic acid	10.78	122	4485m	7.473	ng		
33) 4-Chloroaniline	11.71	127	43415	15.847	ng		94
34) Hexachlorobutadiene	11.86	225	82369	29.756	ng		96
35) Caprolactam	12.44	113	25395	37.118	ng	#	51
36) 4-Chloro-3-methylphenol	12.78	107	82400	38.023	ng	#	85
37) 2-Methylnaphthalene	13.17	142	192879	34.439	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	155042	32.127	ng		96
40) Hexachlorocyclopentadiene	13.49	237	206145	67.501	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	89384	37.110	ng		96
43) 2,4,5-Trichlorophenol	13.83	196	101837	33.927	ng	#	91
45) 1,1'-Biphenyl	14.15	154	280552	33.371	ng		96
46) 2-Chloronaphthalene	14.20	162	222439	33.436	ng		98
47) 2-Nitroaniline	14.39	65	53772	37.158	ng	#	77
48) Acenaphthylene	15.03	152	325346	33.241	ng		99
49) Dimethylphthalate	14.74	163	297181	33.648	ng		98
50) 2,6-Dinitrotoluene	14.87	165	64322	35.363	ng	#	82
51) Acenaphthene	15.37	154	202901	30.356	ng		97
52) 3-Nitroaniline	15.21	138	35070	21.833	ng	#	71
53) 2,4-Dinitrophenol	15.45	184	398	11.809	ng	#	1
54) Dibenzofuran	15.70	168	354043	35.602	ng		97
55) 4-Nitrophenol	15.50	139	69899	60.137	ng	#	76
56) 2,4-Dinitrotoluene	15.65	165	93472	37.296	ng	#	73
57) Fluorene	16.35	166	283997	34.726	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.92	232	99617	35.250	ng	#	86
59) Diethylphthalate	16.09	149	287940	33.506	ng		95
60) 4-Chlorophenyl-phenylether	16.33	204	185521	34.358	ng		91
61) 4-Nitroaniline	16.36	138	52543	31.728	ng	#	79
62) Azobenzene	16.62	77	195290	35.371	ng		88
64) 4,6-Dinitro-2-methylphenol	16.42	198	5729	7.630	ng		80
65) n-Nitrosodiphenylamine	16.54	169	263035	33.154	ng		99
66) 4-Bromophenyl-phenylether	17.22	248	129084	33.342	ng		98
67) Hexachlorobenzene	17.35	284	131701	31.673	ng	#	88
68) Atrazine	17.47	200	119264	35.048	ng		97
69) Pentachlorophenol	17.69	266	64755	25.438	ng		93
70) Phenanthrene	18.09	178	485511	33.411	ng		100
71) Anthracene	18.18	178	506194	34.044	ng		98
72) Carbazole	18.44	167	426298	33.627	ng		98
73) Di-n-butylphthalate	18.95	149	477714	33.467	ng		99
74) Fluoranthene	20.06	202	649718	33.491	ng		95
76) Benzidine	20.22	184	189875	25.230	ng		96
77) Pyrene	20.42	202	671735	35.329	ng		99
79) Butylbenzylphthalate	21.27	149	217352	34.701	ng	#	78
80) Benzo(a)anthracene	22.35	228	691757	34.569	ng		99
81) 3,3'-Dichlorobenzidine	22.24	252	150036	20.077	ng	#	93
82) Chrysene	22.42	228	671553	34.035	ng		97
83) Bis(2-ethylhexyl)phthalate	22.19	149	312957	34.648	ng	#	98
84) Di-n-octyl phthalate	23.55	149	529392	37.357	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.23	276	831347	35.567	ng	#	86
87) Benzo(b)fluoranthene	24.85	252	718350	35.135	ng	#	95
88) Benzo(k)fluoranthene	24.92	252	717701	33.919	ng	#	96
89) Benzo(a)pyrene	25.84	252	708605	35.576	ng	#	96
90) Dibenzo(a,h)anthracene	30.30	278	696847	35.142	ng	#	96
91) Benzo(g,h,i)perylene	31.56	276	675886	35.260	ng	#	92

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

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