Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029310.D
Acq On : 17 Oct 2017 20:52
Operator : SJ/JU
Sample : PB103373BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB103373BSD

Quant Time: Oct 18 00:54:32 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	60522	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	286957	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	196869	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	469224	20.00	ng		0.00
75) Chrysene-d12	21.80	240	492135	20.00	ng		0.00
86) Perylene-d12	25.11	264	505045	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	227349	62.75	ng		0.00
7) Phenol-d6	7.32	99	309773	60.92	ng		0.00
23) Nitrobenzene-d5	9.33	82	267252	59.18	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	154930	60.95	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	735509	54.79	ng		0.00
78) Terphenyl-d14	20.11	244	1277784	59.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	32700	22.246	ng		86
3) Pyridine	3.98	79	95118	22.221	ng		90
4) n-Nitrosodimethylamine	3.90	42	46586	23.282	ng	#	94
6) Aniline	7.49	93	37164	5.902	ng		97
8) 2-Chlorophenol	7.73	128	108824	26.206	ng		91
9) Benzaldehyde	7.30	77	31453	12.297	ng		91
10) Phenol	7.35	94	145432	26.527	ng		90
11) bis(2-Chloroethyl)ether	7.58	93	97677	24.454	ng		92
12) 1,3-Dichlorobenzene	8.06	146	112103	24.045	ng		96
13) 1,4-Dichlorobenzene	8.20	146	112963	23.732	ng		93
14) 1,2-Dichlorobenzene	8.53	146	107739	23.466	ng		94
15) Benzyl Alcohol	8.40	79	96215	26.848	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	162405	23.941	ng		93
17) 2-Methylphenol	8.61	107	97086	26.658	ng		95
18) Hexachloroethane	9.26	117	38841	23.944	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	83059	24.021	ng	#	97
20) 3+4-Methylphenols	8.94	107	136686	26.636	ng		94
22) Acetophenone	8.99	105	155848	22.536	ng	#	94
24) Nitrobenzene	9.38	77	122398	24.107	ng		92
25) Isophorone	9.90	82	227519	24.135	ng		96
26) 2-Nitrophenol	10.09	139	61537	25.359	ng		92
27) 2,4-Dimethylphenol	10.14	122	112473	25.618	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	142542	24.659	ng		97
29) 2,4-Dichlorophenol	10.63	162	123997	26.485	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	122788	24.276	ng		97
31) Naphthalene	11.03	128	347741	24.315	ng		98
32) Benzoic acid	10.25	122	81890	22.276	ng	#	83
33) 4-Chloroaniline	11.14	127	29402	4.887	ng		97
34) Hexachlorobutadiene	11.32	225	71150	22.624	ng		97
35) Caprolactam	11.89	113	43614	28.030	ng	#	82
36) 4-Chloro-3-methylphenol	12.25	107	131339	25.506	ng		92
37) 2-Methylnaphthalene	12.63	142	275408	26.423	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	148116	20.607	ng		98
40) Hexachlorocyclopentadiene	12.97	237	160701	60.241	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	108218	23.984 ng		98
43) 2,4,5-Trichlorophenol	13.30	196	116497	25.140 ng		95
45) 1,1'-Biphenyl	13.63	154	373611	22.079 ng		98
46) 2-Chloronaphthalene	13.67	162	293002	23.739 ng		96
47) 2-Nitroaniline	13.87	65	88301	26.046 ng	#	85
48) Acenaphthylene	14.51	152	470067	24.334 ng		99
49) Dimethylphthalate	14.23	163	382337	24.891 ng		99
50) 2,6-Dinitrotoluene	14.35	165	86883	26.982 ng	#	79
51) Acenaphthene	14.85	154	294209	23.409 ng		99
52) 3-Nitroaniline	14.68	138	31950	9.195 ng	#	83
53) 2,4-Dinitrophenol	14.89	184	92861	54.661 ng	#	53
54) Dibenzofuran	15.18	168	472437	26.331 ng		99
55) 4-Nitrophenol	14.98	139	151499	52.888 ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	121313	27.831 ng	#	80
57) Fluorene	15.83	166	380624	25.680 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	114015	29.491 ng		95
59) Diethylphthalate	15.59	149	386415	25.243 ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	202831	25.666 ng		97
61) 4-Nitroaniline	15.84	138	89760	25.158 ng		86
62) Azobenzene	16.11	77	350458	27.149 ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	61643	25.695 ng		89
65) n-Nitrosodiphenylamine	16.03	169	347506	24.723 ng		97
66) 4-Bromophenyl-phenylether	16.71	248	132791	24.663 ng		97
67) Hexachlorobenzene	16.83	284	142006	23.284 ng		97
68) Atrazine	16.97	200	129733	25.867 ng		97
69) Pentachlorophenol	17.17	266	180643	51.560 ng		98
70) Phenanthrene	17.57	178	617736	25.484 ng		99
71) Anthracene	17.66	178	633563	26.029 ng		100
72) Carbazole	17.92	167	587907	25.144 ng		99
73) Di-n-butylphthalate	18.47	149	676579	25.159 ng		99
74) Fluoranthene	19.57	202	749975	26.452 ng		97
76) Benzidine	19.74	184	242909	16.347 ng		97
77) Pyrene	19.92	202	773551	25.911 ng		98
79) Butylbenzylphthalate	20.79	149	314450	24.723 ng		89
80) Benzo(a)anthracene	21.78	228	746079	25.821 ng		100
81) 3,3'-Dichlorobenzidine	21.68	252	163663	13.723 ng		97
82) Chrysene	21.85	228	695281	25.126 ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	443969	24.322 ng		98
84) Di-n-octyl phthalate	22.91	149	765500	24.063 ng		96
85) Indeno(1,2,3-cd)pyrene	28.89	276	788012	23.147 ng	#	92
87) Benzo(b)fluoranthene	24.05	252	748868	25.900 ng		99
88) Benzo(k)fluoranthene	24.12	252	737949	25.618 ng		99
89) Benzo(a)pyrene	24.95	252	713851	25.681 ng		98
90) Dibenzo(a,h)anthracene	28.95	278	662870	23.555 ng	#	96
91) Benzo(g,h,i)perylene	30.07	276	559727	21.407 ng		99

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

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