Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034110.D
Acq On : 2 May 2018 11:11
Operator : SJ/JU
Sample : J2166-06
Misc : 8PPM MDL
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-042718

Quant Time: May 02 14:06:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69271	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	263290	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	194690	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	553711	20.00	ng	0.00
75) Chrysene-d12	21.76	240	699819	20.00	ng	0.00
86) Perylene-d12	25.05	264	646863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	545575	127.25	ng	0.00
7) Phenol-d6	7.22	99	730433	109.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	629319	91.71	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	392278	145.51	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1269915	95.05	ng	0.00
78) Terphenyl-d14	20.09	244	2737855	85.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	269	0.149	ng	# 1
3) Pyridine	3.95	79	482	0.085	ng	# 29
4) n-Nitrosodimethylamine	3.88	42	914	0.297	ng	# 3
6) Aniline	7.43	93	249	0.027	ng	# 36
8) 2-Chlorophenol	7.62	128	207	0.048	ng	# 1
10) Phenol	7.24	94	156	0.023	ng	# 1
11) bis(2-Chloroethyl)ether	7.52	93	113	0.021	ng	# 11
12) 1,3-Dichlorobenzene	8.06	146	246	0.045	ng	# 1
13) 1,4-Dichlorobenzene	8.06	146	246	0.046	ng	# 1
14) 1,2-Dichlorobenzene	8.40	146	164	0.032	ng	# 1
15) Benzyl Alcohol	8.39	79	13811	1.940	ng	# 32
16) 2,2'-oxybis(1-Chloropropan	8.63	45	370	0.051	ng	75
17) 2-Methylphenol	8.52	107	122	0.028	ng	# 13
18) Hexachloroethane	9.19	117	311	0.136	ng	# 1
20) 3+4-Methylphenols	8.84	107	86	0.013	ng	# 1
22) Acetophenone	8.92	105	472	0.053	ng	# 61
24) Nitrobenzene	9.25	77	1949	0.259	ng	# 69
25) Isophorone	9.83	82	77	0.006	ng	# 69
26) 2-Nitrophenol	9.97	139	55	0.026	ng	# 29
27) 2,4-Dimethylphenol	10.01	122	215	0.053	ng	# 1
28) bis(2-Chloroethoxy)methane	10.29	93	183	0.027	ng	# 51
29) 2,4-Dichlorophenol	10.51	162	103	0.021	ng	# 23
30) 1,2,4-Trichlorobenzene	10.75	180	203	0.035	ng	# 12
31) Naphthalene	10.94	128	2560	0.185	ng	# 71
33) 4-Chloroaniline	11.01	127	107	0.017	ng	# 20
34) Hexachlorobutadiene	11.14	225	71	0.014	ng	# 20
35) Caprolactam	11.77	113	122	0.071	ng	# 75
36) 4-Chloro-3-methylphenol	12.23	107	253	0.040	ng	# 22
37) 2-Methylnaphthalene	12.55	142	647	0.058	ng	# 40
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	58	0.008	ng	# 57
40) Hexachlorocyclopentadiene	12.87	237	58	0.013	ng	# 22
42) 2,4,6-Trichlorophenol	13.12	196	76	0.017	ng	# 11
43) 2,4,5-Trichlorophenol	13.21	196	95	0.020	ng	# 2
45) 1,1'-Biphenyl	13.54	154	3057	0.201	ng	78

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.52	162	138	0.012	ng	#	39
47) 2-Nitroaniline	13.76	65	153	0.033	ng	#	43
48) Acenaphthylene	14.43	152	127	0.007	ng	#	1
51) Acenaphthene	14.78	154	1083	0.087	ng	#	82
52) 3-Nitroaniline	14.65	138	78	0.024	ng	#	1
53) 2,4-Dinitrophenol	14.84	184	111	0.088	ng	#	1
54) Dibenzofuran	15.10	168	140	0.008	ng	#	1
55) 4-Nitrophenol	14.91	139	431	0.173	ng	#	27
57) Fluorene	15.77	166	1163	0.074	ng	#	40
58) 2,3,4,6-Tetrachlorophenol	15.33	232	71	0.014	ng	#	1
59) Diethylphthalate	15.53	149	410	0.023	ng	#	58
60) 4-Chlorophenyl-phenylether	15.77	204	73	0.008	ng	#	30
61) 4-Nitroaniline	15.77	138	97	0.028	ng	#	12
62) Azobenzene	16.08	77	133	0.007	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.00	198	54	0.021	ng	#	1
65) n-Nitrosodiphenylamine	16.20	169	17608	1.166	ng	#	51
67) Hexachlorobenzene	16.81	284	76	0.011	ng	#	41
68) Atrazine	16.91	200	67	0.925	ng	#	35
69) Pentachlorophenol	17.18	266	54	0.011	ng	#	19
70) Phenanthrene	17.51	178	1454	0.051	ng	#	60
71) Anthracene	17.60	178	129	0.004	ng	#	1
72) Carbazole	17.86	167	75	0.003	ng	#	59
73) Di-n-butylphthalate	18.43	149	631	0.020	ng	#	78
74) Fluoranthene	19.44	202	222	0.006	ng		65
77) Pyrene	20.09	202	14140	0.322	ng	#	66
79) Butylbenzylphthalate	20.81	149	142	0.008	ng	#	20
80) Benzo(a)anthracene	21.76	228	2175	0.048	ng	#	15
81) 3,3'-Dichlorobenzidine	21.67	252	136	0.008	ng	#	50
82) Chrysene	21.76	228	2175	0.051	ng	#	14
83) Bis(2-ethylhexyl)phthalate	21.67	149	1126	0.048	ng	#	50
84) Di-n-octyl phthalate	22.94	149	174	0.005	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.85	276	56	0.001	ng	#	1
87) Benzo(b)fluoranthene	23.98	252	57	0.001	ng	#	1
88) Benzo(k)fluoranthene	24.09	252	59	0.002	ng	#	60
89) Benzo(a)pyrene	24.90	252	97	0.003	ng	#	13
90) Dibenzo(a,h)anthracene	28.92	278	65	0.002	ng	#	58
91) Benzo(g,h,i)perylene	30.00	276	189	0.005	ng	#	56

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

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