Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034113.D
Acq On : 2 May 2018 13:06
Operator : SJ/JU
Sample : J2616-06
Misc : 8PPM MDL
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROBEL-1

Quant Time: May 02 14:42:35 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	68507	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	252497	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	193509	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	546097	20.00	ng		0.00
75) Chrysene-d12	21.76	240	663962	20.00	ng		0.00
86) Perylene-d12	25.06	264	640437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	568663	134.11	ng		0.00
7) Phenol-d6	7.22	99	763894	115.72	ng		0.00
23) Nitrobenzene-d5	9.23	82	662887	100.73	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	417442	155.79	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1367865	103.00	ng		0.00
78) Terphenyl-d14	20.09	244	2858943	94.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	406	0.228	ng	#	1
3) Pyridine	3.94	79	272	0.049	ng	#	1
4) n-Nitrosodimethylamine	3.87	42	818	0.269	ng	#	5
6) Aniline	7.40	93	162	0.018	ng	#	41
8) 2-Chlorophenol	7.65	128	63	0.015	ng	#	29
10) Phenol	7.23	94	255	0.038	ng	#	1
11) bis(2-Chloroethyl)ether	7.45	93	129	0.025	ng	#	7
12) 1,3-Dichlorobenzene	8.03	146	73	0.014	ng	#	26
13) 1,4-Dichlorobenzene	8.15	146	56	0.011	ng	#	23
14) 1,2-Dichlorobenzene	8.43	146	56	0.011	ng	#	18
15) Benzyl Alcohol	8.39	79	13423	1.906	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	8.60	45	284	0.039	ng		75
17) 2-Methylphenol	8.45	107	140	0.032	ng	#	1
18) Hexachloroethane	9.18	117	537	0.237	ng	#	1
20) 3+4-Methylphenols	8.78	107	105	0.016	ng	#	24
22) Acetophenone	8.89	105	1745	0.203	ng	#	61
24) Nitrobenzene	9.29	77	174	0.024	ng	#	42
25) Isophorone	9.79	82	225	0.017	ng	#	69
26) 2-Nitrophenol	9.95	139	133	0.067	ng	#	29
27) 2,4-Dimethylphenol	10.04	122	59	0.015	ng	#	5
28) bis(2-Chloroethoxy)methane	10.31	93	65	0.010	ng	#	51
29) 2,4-Dichlorophenol	10.50	162	80	0.017	ng	#	42
30) 1,2,4-Trichlorobenzene	10.71	180	151	0.027	ng	#	1
31) Naphthalene	10.94	128	66667	5.023	ng	#	93
33) 4-Chloroaniline	10.94	127	8297	1.386	ng	#	24
34) Hexachlorobutadiene	11.26	225	72	0.015	ng	#	20
35) Caprolactam	11.87	113	77	0.047	ng	#	45
36) 4-Chloro-3-methylphenol	12.27	107	71	0.012	ng	#	22
37) 2-Methylnaphthalene	12.55	142	8137	0.756	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	62	0.008	ng	#	1
40) Hexachlorocyclopentadiene	12.96	237	69	0.016	ng		80
42) 2,4,6-Trichlorophenol	13.09	196	67	0.015	ng	#	11
43) 2,4,5-Trichlorophenol	13.23	196	58	0.012	ng	#	17
45) 1,1'-Biphenyl	13.54	154	3849	0.255	ng		78

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.56	162	62	0.005	ng	#	1
47) 2-Nitroaniline	13.76	65	369	0.081	ng	#	9
48) Acenaphthylene	14.44	152	1541	0.084	ng	#	73
49) Dimethylphthalate	14.20	163	175	0.010	ng	#	77
51) Acenaphthene	14.78	154	3423	0.276	ng	#	57
52) 3-Nitroaniline	14.61	138	212	0.065	ng	#	1
53) 2,4-Dinitrophenol	14.79	184	69	0.055	ng	#	1
54) Dibenzofuran	15.11	168	5055	0.281	ng	#	88
55) 4-Nitrophenol	14.90	139	207	0.083	ng	#	1
57) Fluorene	15.77	166	5285	0.337	ng	#	60
58) 2,3,4,6-Tetrachlorophenol	15.39	232	144	0.029	ng	#	68
59) Diethylphthalate	15.54	149	990	0.056	ng	#	54
60) 4-Chlorophenyl-phenylether	15.78	204	213	0.023	ng	#	30
61) 4-Nitroaniline	15.77	138	83	0.024	ng	#	12
62) Azobenzene	16.02	77	289	0.015	ng	#	57
64) 4,6-Dinitro-2-methylphenol	15.89	198	108	0.042	ng	#	83
65) n-Nitrosodiphenylamine	16.20	169	18302	1.229	ng	#	34
67) Hexachlorobenzene	16.72	284	147	0.021	ng	#	61
68) Atrazine	16.94	200	129	0.931	ng	#	35
69) Pentachlorophenol	17.11	266	292	0.061	ng	#	19
70) Phenanthrene	17.51	178	9956	0.355	ng		98
71) Anthracene	17.51	178	9956	0.350	ng		98
72) Carbazole	17.86	167	661	0.025	ng	#	62
73) Di-n-butylphthalate	18.44	149	2140	0.068	ng	#	78
74) Fluoranthene	19.52	202	1646	0.046	ng		65
77) Pyrene	19.88	202	1114	0.027	ng	#	57
79) Butylbenzylphthalate	20.78	149	162	0.010	ng	#	20
80) Benzo(a)anthracene	21.77	228	2654	0.062	ng	#	49
81) 3,3'-Dichlorobenzidine	21.66	252	58	0.004	ng	#	26
82) Chrysene	21.77	228	2654	0.065	ng	#	45
83) Bis(2-ethylhexyl)phthalate	21.67	149	1430	0.064	ng	#	86
84) Di-n-octyl phthalate	22.92	149	181	0.005	ng	#	54
85) Indeno(1,2,3-cd)pyrene	28.82	276	125	0.003	ng	#	6
87) Benzo(b)fluoranthene	24.02	252	218	0.005	ng	#	59
88) Benzo(k)fluoranthene	24.07	252	146	0.004	ng	#	60
89) Benzo(a)pyrene	24.90	252	150	0.004	ng	#	59
90) Dibenzo(a,h)anthracene	28.84	278	69	0.002	ng	#	58
91) Benzo(g,h,i)perylene	30.11	276	53	0.002	ng	#	56

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

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