Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034109.D
Acq On : 2 May 2018 10:33
Operator : SJ/JU
Sample : J2165-08
Misc : 8PPM MDL
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-042718

Quant Time: May 02 14:02:52 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	8.07	152	97339	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	387212	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	296362	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	836521	20.00	ng		0.00
75) Chrysene-d12	21.76	240	1000574	20.00	ng		0.00
86) Perylene-d12	25.05	264	466301	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	605949	100.58	ng		0.00
7) Phenol-d6	7.22	99	789982	84.22	ng		0.00
23) Nitrobenzene-d5	9.24	82	727506	72.09	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	454199	110.68	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1436824	70.65	ng		0.00
78) Terphenyl-d14	20.09	244	2980537	65.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	147	0.058	ng	#	1
3) Pyridine	3.95	79	70	0.009	ng	#	1
4) n-Nitrosodimethylamine	3.85	42	853	0.197	ng	#	21
6) Aniline	7.39	93	58	0.005	ng	#	41
8) 2-Chlorophenol	7.63	128	267	0.044	ng	#	1
10) Phenol	6.84	94	118	0.012	ng		83
11) bis(2-Chloroethyl)ether	7.49	93	61	0.008	ng	#	1
12) 1,3-Dichlorobenzene	7.94	146	69	0.009	ng	#	26
13) 1,4-Dichlorobenzene	8.07	146	164	0.022	ng	#	1
14) 1,2-Dichlorobenzene	8.41	146	85	0.012	ng	#	1
15) Benzyl Alcohol	8.40	79	14763	1.475	ng	#	43
16) 2,2'-oxybis(1-Chloropropan	8.59	45	393	0.038	ng		75
17) 2-Methylphenol	8.45	107	66	0.011	ng	#	1
18) Hexachloroethane	9.20	117	54	0.017	ng	#	1
20) 3+4-Methylphenols	8.83	107	146	0.016	ng	#	24
22) Acetophenone	8.91	105	908	0.069	ng	#	50
24) Nitrobenzene	9.29	77	233	0.021	ng	#	42
25) Isophorone	9.81	82	83	0.004	ng	#	69
26) 2-Nitrophenol	9.99	139	117	0.038	ng	#	28
27) 2,4-Dimethylphenol	10.04	122	54	0.009	ng	#	1
28) bis(2-Chloroethoxy)methane	10.31	93	111	0.011	ng	#	51
29) 2,4-Dichlorophenol	10.54	162	54	0.008	ng	#	23
30) 1,2,4-Trichlorobenzene	10.73	180	65	0.008	ng	#	83
31) Naphthalene	10.93	128	713	0.035	ng	#	68
33) 4-Chloroaniline	11.04	127	66	0.007	ng	#	46
34) Hexachlorobutadiene	11.37	225	207	0.029	ng	#	20
35) Caprolactam	11.88	113	122	0.048	ng	#	2
36) 4-Chloro-3-methylphenol	12.16	107	63	0.007	ng	#	1
37) 2-Methylnaphthalene	12.55	142	217	0.013	ng	#	24
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	57	0.005	ng	#	1
40) Hexachlorocyclopentadiene	13.31	237	200	0.029	ng		78
42) 2,4,6-Trichlorophenol	13.14	196	75	0.011	ng	#	11
43) 2,4,5-Trichlorophenol	13.20	196	79	0.011	ng	#	9
45) 1,1'-Biphenyl	13.54	154	3682	0.159	ng		82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.61	162	87	0.005	ng	#	1
47) 2-Nitroaniline	13.85	65	219	0.031	ng	#	9
48) Acenaphthylene	14.42	152	121	0.004	ng	#	59
49) Dimethylphthalate	14.34	163	150	0.006	ng	#	77
51) Acenaphthene	14.77	154	343	0.018	ng	#	28
52) 3-Nitroaniline	14.60	138	68	0.014	ng	#	1
53) 2,4-Dinitrophenol	14.89	184	96	0.050	ng	#	1
54) Dibenzofuran	15.11	168	634	0.023	ng	#	74
55) 4-Nitrophenol	14.93	139	123	0.032	ng	#	1
57) Fluorene	15.78	166	414	0.017	ng	#	58
58) 2,3,4,6-Tetrachlorophenol	15.36	232	97	0.013	ng	#	1
59) Diethylphthalate	15.54	149	513	0.019	ng	#	58
60) 4-Chlorophenyl-phenylether	15.62	204	53	0.004	ng	#	30
61) 4-Nitroaniline	15.91	138	70	0.013	ng	#	12
62) Azobenzene	16.08	77	168	0.006	ng	#	42
64) 4,6-Dinitro-2-methylphenol	15.76	198	95	0.024	ng	#	29
65) n-Nitrosodiphenylamine	16.20	169	17580	0.771	ng	#	52
67) Hexachlorobenzene	16.62	284	232	0.022	ng	#	41
68) Atrazine	16.86	200	57	0.921	ng	#	35
69) Pentachlorophenol	17.17	266	76	0.010	ng	#	19
70) Phenanthrene	17.50	178	1010	0.023	ng	#	65
71) Anthracene	17.59	178	226	0.005	ng	#	50
72) Carbazole	17.88	167	61	0.002	ng	#	1
73) Di-n-butylphthalate	18.44	149	1331	0.028	ng	#	25
74) Fluoranthene	19.59	202	57	0.001	ng		65
77) Pyrene	20.09	202	14077	0.225	ng	#	60
79) Butylbenzylphthalate	20.79	149	366	0.015	ng	#	67
80) Benzo(a)anthracene	21.76	228	3603	0.056	ng	#	76
81) 3,3'-Dichlorobenzidine	21.66	252	57	0.002	ng	#	26
82) Chrysene	21.76	228	3603	0.059	ng	#	72
83) Bis(2-ethylhexyl)phthalate	21.67	149	2210	0.066	ng	#	74
84) Di-n-octyl phthalate	22.91	149	334	0.006	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.84	276	271	0.004	ng	#	40
87) Benzo(b)fluoranthene	24.01	252	243	0.008	ng	#	59
88) Benzo(k)fluoranthene	24.07	252	99	0.004	ng	#	39
89) Benzo(a)pyrene	24.89	252	107	0.004	ng	#	1
90) Dibenzo(a,h)anthracene	28.93	278	55	0.002	ng	#	1
91) Benzo(g,h,i)perylene	30.01	276	164	0.006	ng	#	56

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

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