Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034085.D
Acq On : 1 May 2018 19:12
Operator : SJ/JU
Sample : PB108302BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108302BL

Quant Time: May 02 05:34:06 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	67320	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	267683	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	213454	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	600741	20.00	ng		0.00
75) Chrysene-d12	21.76	240	727903	20.00	ng		0.00
86) Perylene-d12	25.06	264	690043	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	554793	133.15	ng		0.00
7) Phenol-d6	7.22	99	832253	128.30	ng		0.00
23) Nitrobenzene-d5	9.24	82	571287	81.88	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	385306	130.36	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1216627	83.05	ng		0.00
78) Terphenyl-d14	20.09	244	2634429	79.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	388	0.222	ng	#	1
3) Pyridine	3.92	79	587	0.107	ng	#	15
4) n-Nitrosodimethylamine	3.85	42	551	0.184	ng	#	1
6) Aniline	7.40	93	315	0.036	ng	#	41
8) 2-Chlorophenol	7.63	128	253	0.061	ng	#	1
10) Phenol	7.26	94	130	0.020	ng	#	1
11) bis(2-Chloroethyl)ether	7.49	93	61	0.012	ng	#	16
12) 1,3-Dichlorobenzene	7.97	146	56	0.011	ng	#	1
13) 1,4-Dichlorobenzene	8.07	146	148	0.028	ng	#	1
14) 1,2-Dichlorobenzene	8.47	146	78	0.016	ng	#	25
15) Benzyl Alcohol	8.39	79	11614	1.678	ng	#	56
16) 2,2'-oxybis(1-Chloropropan	8.58	45	67	0.009	ng		75
17) 2-Methylphenol	8.53	107	99	0.023	ng	#	25
18) Hexachloroethane	9.25	117	69	0.031	ng	#	1
20) 3+4-Methylphenols	8.87	107	255	0.040	ng	#	1
22) Acetophenone	8.92	105	55	0.006	ng	#	21
24) Nitrobenzene	9.29	77	537	0.070	ng	#	42
25) Isophorone	9.82	82	65	0.005	ng	#	69
26) 2-Nitrophenol	9.97	139	127	0.060	ng	#	1
27) 2,4-Dimethylphenol	10.38	122	260	0.063	ng		96
28) bis(2-Chloroethoxy)methane	10.28	93	87	0.012	ng	#	50
29) 2,4-Dichlorophenol	10.58	162	233	0.048	ng	#	23
30) 1,2,4-Trichlorobenzene	10.76	180	59	0.010	ng	#	12
31) Naphthalene	10.95	128	105	0.007	ng	#	68
33) 4-Chloroaniline	11.05	127	130	0.020	ng	#	46
34) Hexachlorobutadiene	11.20	225	78	0.016	ng	#	20
35) Caprolactam	11.85	113	101	0.058	ng	#	1
36) 4-Chloro-3-methylphenol	12.19	107	99	0.016	ng	#	22
37) 2-Methylnaphthalene	12.62	142	54	0.005	ng	#	17
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	68	0.008	ng	#	25
40) Hexachlorocyclopentadiene	12.94	237	133	0.027	ng	#	22
42) 2,4,6-Trichlorophenol	13.14	196	62	0.013	ng	#	64
43) 2,4,5-Trichlorophenol	13.22	196	71	0.013	ng	#	17
45) 1,1'-Biphenyl	13.55	154	3077	0.185	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.63	162	53	0.004	ng	#	1
47) 2-Nitroaniline	13.76	65	106	0.021	ng	#	42
48) Acenaphthylene	14.44	152	66	0.003	ng	#	59
49) Dimethylphthalate	13.68	163	288	0.016	ng	#	77
51) Acenaphthene	14.78	154	120	0.009	ng	#	5
52) 3-Nitroaniline	14.66	138	53	0.015	ng	#	1
53) 2,4-Dinitrophenol	14.84	184	75	0.054	ng	#	9
54) Dibenzofuran	15.09	168	133	0.007	ng	#	46
55) 4-Nitrophenol	14.84	139	71	0.026	ng	#	40
57) Fluorene	16.20	166	9901	0.572	ng	#	84
58) 2,3,4,6-Tetrachlorophenol	15.30	232	153	0.028	ng	#	1
59) Diethylphthalate	15.54	149	122	0.006	ng	#	58
60) 4-Chlorophenyl-phenylether	15.65	204	91	0.009	ng	#	30
61) 4-Nitroaniline	15.77	138	85	0.022	ng	#	45
62) Azobenzene	16.04	77	120	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.76	198	106	0.038	ng	#	26
65) n-Nitrosodiphenylamine	16.20	169	15352	0.937	ng	#	46
67) Hexachlorobenzene	16.82	284	66	0.009	ng	#	41
68) Atrazine	16.91	200	95	0.927	ng	#	35
69) Pentachlorophenol	17.17	266	90	0.017	ng	#	19
70) Phenanthrene	17.54	178	65	0.002	ng	#	1
71) Anthracene	17.54	178	65	0.002	ng	#	1
72) Carbazole	17.85	167	153	0.005	ng	#	59
73) Di-n-butylphthalate	18.44	149	598	0.017	ng	#	78
74) Fluoranthene	19.53	202	57	0.001	ng		65
76) Benzidine	19.70	184	2783	0.148	ng	#	66
77) Pyrene	20.09	202	13068	0.287	ng	#	62
79) Butylbenzylphthalate	20.77	149	915	0.051	ng	#	76
80) Benzo(a)anthracene	21.77	228	2643	0.057	ng	#	69
81) 3,3'-Dichlorobenzidine	21.66	252	379	0.021	ng	#	96
82) Chrysene	21.77	228	2643	0.059	ng	#	65
83) Bis(2-ethylhexyl)phthalate	21.67	149	860	0.035	ng	#	85
84) Di-n-octyl phthalate	22.93	149	127	0.003	ng	#	39
85) Indeno(1,2,3-cd)pyrene	28.83	276	139	0.003	ng	#	3
87) Benzo(b)fluoranthene	24.05	252	272	0.006	ng	#	1
88) Benzo(k)fluoranthene	24.09	252	185	0.004	ng	#	60
89) Benzo(a)pyrene	24.92	252	107	0.003	ng	#	59
90) Dibenzo(a,h)anthracene	28.84	278	215	0.006	ng	#	10
91) Benzo(g,h,i)perylene	30.09	276	141	0.004	ng	#	1

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

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