Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034095.D
Acq On : 2 May 2018 1:35
Operator : SJ/JU
Sample : PB108327BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108327BL

Quant Time: May 02 07:13:06 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	73887	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	281921	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	220119	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	643184	20.00	ng	0.00
75) Chrysene-d12	21.76	240	763808	20.00	ng	-0.01
86) Perylene-d12	25.05	264	734164	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	404072	88.36	ng	0.00
7) Phenol-d6	7.22	99	597208	83.88	ng	0.00
23) Nitrobenzene-d5	9.24	82	603038	82.07	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	262408	86.09	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1284237	85.01	ng	-0.01
78) Terphenyl-d14	20.09	244	2725350	78.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	286	0.149	ng	# 1
3) Pyridine	3.94	79	118	0.020	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	282	0.086	ng	# 1
6) Aniline	7.41	93	217	0.022	ng	# 1
8) 2-Chlorophenol	7.65	128	61	0.013	ng	# 29
10) Phenol	7.25	94	89	0.012	ng	# 1
11) bis(2-Chloroethyl)ether	7.48	93	55	0.010	ng	# 16
12) 1,3-Dichlorobenzene	7.98	146	96	0.017	ng	# 26
13) 1,4-Dichlorobenzene	8.13	146	68	0.012	ng	# 23
14) 1,2-Dichlorobenzene	8.45	146	81	0.015	ng	# 25
15) Benzyl Alcohol	8.40	79	12244	1.612	ng	# 58
16) 2,2'-oxybis(1-Chloropropan	8.65	45	66	0.008	ng	75
17) 2-Methylphenol	8.42	107	53	0.011	ng	# 1
18) Hexachloroethane	9.16	117	97	0.040	ng	# 31
20) 3+4-Methylphenols	8.92	107	70	0.010	ng	# 24
22) Acetophenone	8.90	105	98	0.010	ng	# 50
24) Nitrobenzene	9.32	77	296	0.037	ng	# 42
25) Isophorone	9.82	82	143	0.010	ng	# 7
26) 2-Nitrophenol	9.93	139	115	0.052	ng	# 70
27) 2,4-Dimethylphenol	10.03	122	65	0.015	ng	# 1
28) bis(2-Chloroethoxy)methane	10.31	93	131	0.018	ng	# 45
29) 2,4-Dichlorophenol	10.54	162	60	0.012	ng	# 23
30) 1,2,4-Trichlorobenzene	10.78	180	115	0.019	ng	# 15
31) Naphthalene	10.91	128	192	0.013	ng	# 1
33) 4-Chloroaniline	11.09	127	54	0.008	ng	# 46
34) Hexachlorobutadiene	11.22	225	61	0.012	ng	# 20
35) Caprolactam	11.81	113	60	0.033	ng	# 1
36) 4-Chloro-3-methylphenol	12.11	107	216	0.032	ng	# 22
37) 2-Methylnaphthalene	12.44	142	86	0.007	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	79	0.009	ng	# 84
40) Hexachlorocyclopentadiene	12.84	237	67	0.013	ng	# 22
42) 2,4,6-Trichlorophenol	13.10	196	106	0.021	ng	# 11
43) 2,4,5-Trichlorophenol	13.25	196	56	0.010	ng	# 17
45) 1,1'-Biphenyl	13.55	154	3084	0.179	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.55	162	78	0.006	ng	#	39
47) 2-Nitroaniline	13.85	65	204	0.039	ng	#	9
48) Acenaphthylene	14.47	152	198	0.010	ng	#	63
49) Dimethylphthalate	14.18	163	144	0.008	ng	#	77
51) Acenaphthene	14.77	154	69	0.005	ng	#	54
52) 3-Nitroaniline	14.57	138	171	0.046	ng	#	1
53) 2,4-Dinitrophenol	14.79	184	133	0.093	ng	#	1
54) Dibenzofuran	15.17	168	96	0.005	ng	#	46
55) 4-Nitrophenol	14.81	139	82	0.029	ng	#	1
57) Fluorene	16.20	166	8442	0.473	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	15.32	232	57	0.010	ng	#	1
59) Diethylphthalate	15.50	149	70	0.003	ng	#	58
60) 4-Chlorophenyl-phenylether	15.77	204	73	0.007	ng	#	4
61) 4-Nitroaniline	15.77	138	69	0.018	ng	#	12
62) Azobenzene	16.08	77	110	0.005	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.84	198	139	0.046	ng	#	29
65) n-Nitrosodiphenylamine	16.21	169	12909	0.736	ng	#	38
67) Hexachlorobenzene	16.78	284	66	0.008	ng	#	24
68) Atrazine	16.98	200	79	0.925	ng	#	35
69) Pentachlorophenol	17.10	266	108	0.019	ng	#	19
70) Phenanthrene	17.52	178	125	0.004	ng	#	1
71) Anthracene	17.59	178	92	0.003	ng	#	59
72) Carbazole	17.86	167	87	0.003	ng	#	59
73) Di-n-butylphthalate	18.44	149	274	0.007	ng	#	78
74) Fluoranthene	19.55	202	59	0.001	ng		65
76) Benzidine	19.69	184	7423	0.377	ng	#	85
77) Pyrene	20.09	202	13808	0.289	ng	#	78
79) Butylbenzylphthalate	20.78	149	368	0.020	ng	#	38
80) Benzo(a)anthracene	21.77	228	2454	0.050	ng	#	52
81) 3,3'-Dichlorobenzidine	21.65	252	212	0.011	ng	#	26
82) Chrysene	21.77	228	2454	0.052	ng	#	48
83) Bis(2-ethylhexyl)phthalate	21.68	149	237	0.009	ng	#	50
84) Di-n-octyl phthalate	22.91	149	706	0.017	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.77	276	55	0.001	ng	#	1
87) Benzo(b)fluoranthene	23.99	252	54	0.001	ng	#	59
88) Benzo(k)fluoranthene	24.12	252	103	0.002	ng	#	60
89) Benzo(a)pyrene	24.89	252	238	0.005	ng	#	59
90) Dibenzo(a,h)anthracene	28.90	278	103	0.003	ng	#	58
91) Benzo(g,h,i)perylene	30.01	276	122	0.003	ng	#	34

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

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