Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037447.D
Acq On : 19 Oct 2018 10:45
Operator : JU/SJ
Sample : PB113692BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 19 23:49:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62009	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	269473	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	187410	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	484063	20.00	ng	0.00
76) Chrysene-d12	21.77	240	447078	20.00	ng	0.00
87) Perylene-d12	25.10	264	430089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	444784	119.92	ng	0.00
7) Phenol-d6	7.25	99	642181	114.50	ng	0.00
23) Nitrobenzene-d5	9.28	82	361527	75.16	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	235327	115.13	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	907114	72.99	ng	0.00
79) Terphenyl-d14	20.09	244	1486157	71.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	147	0.078	ng	# 1
3) Pyridine	3.80	79	58	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	119	0.070	ng	# 1
6) Aniline	7.63	93	865	0.126	ng	# 1
8) 2-Chlorophenol	7.55	128	54	0.012	ng	# 32
9) Benzaldehyde	7.25	77	861	0.245	ng	# 4
10) Phenol	7.63	94	1076	0.182	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	865	0.192	ng	# 1
12) 1,3-Dichlorobenzene	8.43	146	54	0.011	ng	# 1
13) 1,4-Dichlorobenzene	8.43	146	54	0.011	ng	# 1
14) 1,2-Dichlorobenzene	8.43	146	54	0.011	ng	# 1
15) Benzyl Alcohol	8.43	79	5373	1.297	ng	# 41
17) 2-Methylphenol	8.41	107	55	0.014	ng	# 1
20) 3+4-Methylphenols	8.41	107	55	0.010	ng	# 1
24) Nitrobenzene	9.29	77	1082	0.217	ng	# 46
25) Isophorone	9.52	82	370	0.042	ng	# 67
46) 1,1'-Biphenyl	13.58	154	1428	0.092	ng	# 67
48) 2-Nitroaniline	13.36	65	1440	0.404	ng	# 1
49) Acenaphthylene	14.46	152	71	0.004	ng	# 59
52) Acenaphthene	14.74	154	617	0.057	ng	# 3
58) Fluorene	16.23	166	11758	0.871	ng	# 77
61) 4-Chlorophenyl-phenylether	15.91	204	53	0.007	ng	# 30
63) Azobenzene	16.22	77	1320	0.093	ng	# 27
66) n-Nitrosodiphenylamine	16.23	169	9492	0.652	ng	# 47
71) Phenanthrene	17.48	178	56	0.002	ng	# 1
72) Anthracene	17.48	178	56	0.002	ng	# 1
73) Carbazole	17.49	167	54	0.002	ng	# 58
74) Di-n-butylphthalate	18.88	149	53	0.002	ng	# 77
77) Benzidine	20.09	184	24302	1.599	ng	# 94
78) Pyrene	20.09	202	5437	0.186	ng	# 68
80) Butylbenzylphthalate	20.84	149	57	0.005	ng	# 23
81) Benzo(a)anthracene	21.77	228	1224	0.046	ng	# 65
82) 3,3'-Dichlorobenzidine	21.56	252	77	0.008	ng	# 25
83) Chrysene	21.77	228	1224	0.048	ng	# 62

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.63	149	580	0.035	ng	#	51
85) Di-n-octyl phthalate	22.86	149	242	0.009	ng	#	1
86) Indeno(1,2,3-cd)pyrene	28.90	276	74	0.003	ng	#	55
88) Benzo(b)fluoranthene	24.05	252	55	0.002	ng	#	59
89) Benzo(k)fluoranthene	24.10	252	65	0.003	ng	#	60
90) Benzo(a)pyrene	24.96	252	121	0.005	ng	#	60
91) Dibenzo(a,h)anthracene	28.97	278	60	0.003	ng	#	57
92) Benzo(g,h,i)perylene	30.10	276	56	0.003	ng	#	53

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

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