Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037421.D
Acq On : 18 Oct 2018 16:01
Operator : JU/SJ
Sample : PB113672BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113672BL

Quant Time: Oct 19 07:14:28 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	63188	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	272478	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	189944	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	490278	20.00	ng	0.00
76) Chrysene-d12	21.77	240	465263	20.00	ng	0.00
87) Perylene-d12	25.11	264	453692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	456462	120.77	ng	0.00
7) Phenol-d6	7.25	99	645068	112.87	ng	0.00
23) Nitrobenzene-d5	9.29	82	362942	74.62	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246437	118.95	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	904199	71.78	ng	0.00
79) Terphenyl-d14	20.09	244	1533604	70.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	290	0.151	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	178	0.103	ng	# 1
6) Aniline	7.63	93	587	0.084	ng	# 1
8) 2-Chlorophenol	7.63	128	119	0.027	ng	# 1
9) Benzaldehyde	7.25	77	961	0.269	ng	# 4
10) Phenol	7.25	94	55	0.009	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	587	0.128	ng	# 1
12) 1,3-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
13) 1,4-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
14) 1,2-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
15) Benzyl Alcohol	8.43	79	5380	1.274	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.72	45	83	0.010	ng	74
17) 2-Methylphenol	8.43	107	74	0.019	ng	# 1
20) 3+4-Methylphenols	8.43	107	74	0.013	ng	# 1
24) Nitrobenzene	9.29	77	1040	0.206	ng	# 41
25) Isophorone	9.39	82	897	0.101	ng	# 67
46) 1,1'-Biphenyl	13.58	154	1415	0.090	ng	74
48) 2-Nitroaniline	13.36	65	1245	0.345	ng	# 3
50) Dimethylphthalate	14.19	163	53	0.004	ng	# 76
52) Acenaphthene	14.74	154	765	0.069	ng	# 3
58) Fluorene	16.23	166	11462	0.838	ng	# 79
63) Azobenzene	16.23	77	1245	0.086	ng	# 1
66) n-Nitrosodiphenylamine	16.23	169	10186	0.691	ng	# 47
68) Hexachlorobenzene	16.28	284	54	0.010	ng	# 39
71) Phenanthrene	17.49	178	156	0.006	ng	# 59
72) Anthracene	17.49	178	156	0.006	ng	# 60
77) Benzidine	20.09	184	24805	1.568	ng	# 89
78) Pyrene	20.09	202	5780	0.190	ng	# 70
80) Butylbenzylphthalate	20.82	149	73	0.006	ng	# 82
81) Benzo(a)anthracene	21.77	228	1440	0.052	ng	# 68
82) 3,3'-Dichlorobenzidine	21.67	252	64	0.006	ng	# 25
83) Chrysene	21.77	228	1440	0.054	ng	# 64
84) Bis(2-ethylhexyl)phthalate	21.62	149	271	0.016	ng	# 51
85) Di-n-octyl phthalate	22.89	149	59	0.002	ng	# 74

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
86) Indeno(1,2,3-cd)pyrene	29.13	276	59	0.002	ng	#	55
88) Benzo(b)fluoranthene	24.05	252	66	0.003	ng	#	59
89) Benzo(k)fluoranthene	24.12	252	92	0.004	ng	#	9
90) Benzo(a)pyrene	24.96	252	63	0.003	ng	#	60
91) Dibenzo(a,h)anthracene	29.00	278	75	0.003	ng	#	57
92) Benzo(g,h,i)perylene	30.14	276	55	0.002	ng	#	53

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

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