Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044093.D
Acq On : 20 Jan 2020 11:46
Operator : JU
Sample : SP5028
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP5028

Quant Time: Jan 21 06:13:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	71578	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	314303	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	216276	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	480280	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	413134	20.00	ng	-0.03
87) Perylene-d12	24.67	264	451783	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	666396	170.94	ng	-0.02
7) Phenol-d6	7.11	99	866239	158.97	ng	-0.02
23) Nitrobenzene-d5	9.09	82	515748	87.78	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	349787	154.55	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1224395	102.57	ng	-0.03
79) Terphenyl-d14	19.93	244	1859433	120.26	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	59	0.035	ng	# 1
3) Pyridine	3.82	79	60	0.012	ng	# 21
4) n-Nitrosodimethylamine	3.73	42	368	0.165	ng	# 1
9) Benzaldehyde	7.10	77	1473	0.422	ng	# 1
12) 1,3-Dichlorobenzene	8.25	146	56	0.010	ng	# 1
13) 1,4-Dichlorobenzene	8.25	146	56	0.011	ng	# 1
14) 1,2-Dichlorobenzene	8.25	146	56	0.011	ng	# 1
15) Benzyl Alcohol	8.25	79	8176	1.901	ng	# 44
22) Acetophenone	8.58	105	56	0.007	ng	# 54
24) Nitrobenzene	9.09	77	1759	0.302	ng	# 41
25) Isophorone	9.57	82	195	0.018	ng	# 65
28) bis(2-Chloroethoxy)methane	10.11	93	59	0.008	ng	# 48
31) Naphthalene	10.78	128	61	0.004	ng	# 66
46) 1,1'-Biphenyl	13.40	154	3179	0.205	ng	90
48) 2-Nitroaniline	13.23	65	61	0.015	ng	# 3
49) Acenaphthylene	14.63	152	62	0.003	ng	# 56
52) Acenaphthene	14.58	154	756	0.060	ng	# 4
58) Fluorene	16.05	166	16917	1.228	ng	# 86
63) Azobenzene	16.05	77	2221	0.156	ng	# 22
66) n-Nitrosodiphenylamine	16.05	169	12928	0.914	ng	# 44
71) Phenanthrene	17.32	178	57	0.002	ng	# 1
72) Anthracene	17.32	178	57	0.003	ng	# 1
75) Fluoranthene	19.73	202	66	0.003	ng	# 59
78) Pyrene	19.93	202	6931	0.257	ng	# 74
80) Butylbenzylphthalate	20.62	149	144	0.011	ng	# 22
81) Benzo(a)anthracene	21.56	228	1281	0.050	ng	# 62
82) 3,3'-Dichlorobenzidine	21.47	252	111	0.011	ng	# 25
83) Chrysene	21.62	228	54	0.002	ng	# 44
84) Bis(2-ethylhexyl)phthalate	21.48	149	375	0.021	ng	# 49
85) Di-n-octyl phthalate	22.64	149	1134	0.038	ng	# 42
86) Indeno(1,2,3-cd)pyrene	28.23	276	468	0.014	ng	# 62
88) Benzo(b)fluoranthene	23.69	252	645	0.024	ng	# 72
89) Benzo(k)fluoranthene	23.75	252	349	0.014	ng	# 57
90) Benzo(a)pyrene	24.52	252	738	0.029	ng	# 29

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
91) Dibenzo(a,h)anthracene	28.27	278	127	0.005	ng	#	54
92) Benzo(g,h,i)perylene	29.31	276	80	0.003	ng	#	22

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

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