Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118905.D
Acq On : 12 Feb 2020 1:21
Operator : CG/JU
Sample : L1468-03DL 25X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP10-EP1-2.5DL

Manual Integrations APPROVED
mohammad
2/12/2020 3:51:30 PM

Quant Time: Feb 12 08:22:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	197125	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	797529	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	465959	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	904429	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	659596	20.00	ng		-0.01
87) Perylene-d12	15.42	264	663405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	57653	5.54	ng		-0.01
7) Phenol-d6	6.44	99	57784	4.47	ng		-0.01
23) Nitrobenzene-d5	7.36	82	35118	2.62	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	20590	3.69	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	95281	3.66	ng		-0.02
79) Terphenyl-d14	12.91	244	172273	5.36	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.12	128	2600078	71.282	ng		99
37) 2-Methylnaphthalene	8.80	142	768961	30.397	ng		99
38) 1-Methylnaphthalene	8.90	142	560848	23.567	ng		100
46) 1,1'-Biphenyl	9.26	154	182160	5.651	ng		97
49) Acenaphthylene	9.70	152	238441	6.163	ng	#	96
52) Acenaphthene	9.87	154	200327	7.858	ng		98
55) Dibenzofuran	10.05	168	223200	6.058	ng	#	96
58) Fluorene	10.39	166	500364	18.051	ng		97
71) Phenanthrene	11.36	178	2107336	47.357	ng		99
72) Anthracene	11.40	178	542886	12.263	ng		96
73) Carbazole	11.56	167	197032	5.072	ng		97
75) Fluoranthene	12.54	202	1648874	33.938	ng		99
78) Pyrene	12.77	202	1689974	37.348	ng		99
81) Benzo(a)anthracene	13.96	228	537588m	13.697	ng		
83) Chrysene	13.99	228	464076	11.781	ng		96
86) Indeno(1,2,3-cd)pyrene	16.86	276	149595	3.780	ng		96
88) Benzo(b)fluoranthene	15.00	252	444646m	10.801	ng		
89) Benzo(k)fluoranthene	15.02	252	158423m	4.419	ng		
90) Benzo(a)pyrene	15.36	252	400571	11.370	ng		99
92) Benzo(g,h,i)perylene	17.29	276	134729	4.479	ng		98

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

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