Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118991.D
Acq On : 21 Feb 2020 14:25
Operator : CG/JU
Sample : L1468-05 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP9-EP1-2.5

Manual Integrations APPROVED
mohammad
2/24/2020 2:11:11 PM

Quant Time: Feb 21 15:08:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	177505	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	638847	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	332644	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	506369	20.00	ng	0.00
76) Chrysene-d12	13.91	240	345023	20.00	ng	0.00
87) Perylene-d12	15.33	264	450830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	94740	8.92	ng	0.00
7) Phenol-d6	6.39	99	119480	9.25	ng	-0.01
23) Nitrobenzene-d5	7.31	82	71876	5.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	27907	6.41	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	159560	7.07	ng	-0.02
79) Terphenyl-d14	12.85	244	135420	6.76	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.70	122	20503	2.383	ng	98
31) Naphthalene	8.07	128	6438199	194.321	ng	94
37) 2-Methylnaphthalene	8.75	142	1458277	65.404	ng	98
38) 1-Methylnaphthalene	8.85	142	874757	41.717	ng	100
46) 1,1'-Biphenyl	9.21	154	423853	15.766	ng	99
49) Acenaphthylene	9.65	152	595076	19.018	ng	98
52) Acenaphthene	9.82	154	761332	40.351	ng	100
55) Dibenzofuran	9.99	168	1200430	42.626	ng	98
58) Fluorene	10.34	166	1461744	66.797	ng	100
71) Phenanthrene	11.31	178	4607146	166.836	ng	95
72) Anthracene	11.36	178	1812150	65.677	ng	99
73) Carbazole	11.50	167	733562	29.843	ng	99
75) Fluoranthene	12.49	202	3256187	111.086	ng	98
78) Pyrene	12.72	202	2808144	101.359	ng	97
81) Benzo(a)anthracene	13.90	228	1544214m	65.687	ng	
83) Chrysene	13.94	228	1308517	55.861	ng	97
86) Indeno(1,2,3-cd)pyrene	16.74	276	881204	38.852	ng	# 94
88) Benzo(b)fluoranthene	14.93	252	1554797m	52.321	ng	
89) Benzo(k)fluoranthene	14.96	252	641132m	23.281	ng	
90) Benzo(a)pyrene	15.29	252	1413441	52.702	ng	98
91) Dibenzo(a,h)anthracene	16.74	278	236447m	10.020	ng	
92) Benzo(g,h,i)perylene	17.17	276	846191	36.292	ng	98

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

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