Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118895.D
Acq On : 11 Feb 2020 20:34
Operator : CG/JU
Sample : L1482-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-EP2-2

Manual Integrations APPROVED
mohammad
2/12/2020 3:51:05 PM

Quant Time: Feb 12 07:36:38 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	240927	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	902126	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	439867	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	858527	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	564277	20.00	ng	0.00
87) Perylene-d12	15.43	264	629949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1269493	99.74	ng	0.00
7) Phenol-d6	6.45	99	1585578	100.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	996744	65.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	507183	96.37	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2109709	85.74	ng	-0.02
79) Terphenyl-d14	12.92	244	2114535	76.97	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	46531	2.649	ng	95
31) Naphthalene	8.11	128	1893605	45.895	ng	100
37) 2-Methylnaphthalene	8.80	142	115992	4.053	ng	98
38) 1-Methylnaphthalene	8.90	142	335722	12.472	ng	99
46) 1,1'-Biphenyl	9.26	154	92928	3.054	ng	98
49) Acenaphthylene	9.70	152	985498	26.983	ng	98
50) Dimethylphthalate	9.56	163	106065	3.541	ng	97
52) Acenaphthene	9.87	154	181304	7.533	ng	98
55) Dibenzofuran	10.05	168	166216	4.779	ng	94
58) Fluorene	10.39	166	233129	8.909	ng	99
71) Phenanthrene	11.36	178	2277253	53.911	ng	100
72) Anthracene	11.40	178	731345	17.404	ng	97
73) Carbazole	11.56	167	91366	2.477	ng	100
75) Fluoranthene	12.56	202	3045581	66.037	ng	99
78) Pyrene	12.79	202	3561346	91.999	ng	98
81) Benzo(a)anthracene	13.97	228	2375535m	70.747	ng	
83) Chrysene	14.00	228	2256256m	66.950	ng	
86) Indeno(1,2,3-cd)pyrene	16.88	276	1195646	35.312	ng	97
88) Benzo(b)fluoranthene	15.02	252	2468012m	63.137	ng	
89) Benzo(k)fluoranthene	15.04	252	693127m	20.363	ng	
90) Benzo(a)pyrene	15.38	252	2025513	60.548	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	449237m	15.127	ng	
92) Benzo(g,h,i)perylene	17.32	276	1197598	41.932	ng	99

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

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