Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118901.D
Acq On : 11 Feb 2020 23:27
Operator : CG/JU
Sample : L1482-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7-EP2-2

Manual Integrations APPROVED
mohammad
2/12/2020 3:51:16 PM

Quant Time: Feb 12 08:01:55 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	160899	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	613414	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	373501	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	909244	20.00	ng		0.00
76) Chrysene-d12	13.99	240	466492	20.00	ng		0.00
87) Perylene-d12	15.44	264	527190	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	225899	26.58	ng		-0.01
7) Phenol-d6	6.44	99	227542	21.56	ng		-0.01
23) Nitrobenzene-d5	7.36	82	145166	14.11	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	88335	19.77	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	350874	16.79	ng		-0.02
79) Terphenyl-d14	12.92	244	581984	25.63	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.13	128	7061811	251.713	ng		95
37) 2-Methylnaphthalene	8.82	142	2788793	143.327	ng	#	94
38) 1-Methylnaphthalene	8.91	142	2209046	120.687	ng	#	98
46) 1,1'-Biphenyl	9.26	154	721545	27.927	ng		99
49) Acenaphthylene	9.71	152	1529426	49.316	ng	#	97
52) Acenaphthene	9.87	154	330779	16.186	ng		98
55) Dibenzofuran	10.05	168	863390	29.234	ng	#	96
58) Fluorene	10.40	166	1908886	85.913	ng		98
71) Phenanthrene	11.38	178	7887971	176.322	ng		92
72) Anthracene	11.42	178	2351627	52.840	ng		100
73) Carbazole	11.56	167	565151	14.470	ng		99
75) Fluoranthene	12.56	202	5196018	106.380	ng		96
78) Pyrene	12.80	202	5904387	184.497	ng		93
81) Benzo(a)anthracene	13.97	228	2679101m	96.513	ng		
83) Chrysene	14.02	228	2187137	78.503	ng		96
86) Indeno(1,2,3-cd)pyrene	16.89	276	969383	34.630	ng		97
88) Benzo(b)fluoranthene	15.02	252	2590574m	79.191	ng		
89) Benzo(k)fluoranthene	15.04	252	633665m	22.244	ng		
90) Benzo(a)pyrene	15.39	252	2319053	82.835	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	339553m	13.662	ng		
92) Benzo(g,h,i)perylene	17.33	276	948211	39.672	ng		99

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

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