Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118883.D
Acq On : 10 Feb 2020 22:12
Operator : CG/JU
Sample : L1468-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP9-EP1-2.5

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:03 AM

Quant Time: Feb 11 02:05:23 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	6.82	152	226322	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	865935	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	412408	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	775343	20.00	ng		0.00
76) Chrysene-d12	13.98	240	514497	20.00	ng		0.00
87) Perylene-d12	15.43	264	575981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	93853	7.85	ng		0.00
7) Phenol-d6	6.45	99	123471	8.32	ng		0.00
23) Nitrobenzene-d5	7.37	82	91900	6.33	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	43172	8.75	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	186703	8.09	ng		-0.01
79) Terphenyl-d14	12.92	244	300000	11.98	ng		-0.01
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	7.76	122	26616	2.534	ng		98
31) Naphthalene	8.13	128	7525582	190.019	ng	#	92
37) 2-Methylnaphthalene	8.82	142	1644780	59.881	ng		97
38) 1-Methylnaphthalene	8.91	142	998509	38.643	ng		100
46) 1,1'-Biphenyl	9.27	154	503702	17.656	ng		98
49) Acenaphthylene	9.71	152	880825	25.723	ng		97
52) Acenaphthene	9.89	154	944173	41.843	ng		98
55) Dibenzofuran	10.06	168	1532427	46.992	ng		100
58) Fluorene	10.40	166	1905292	77.662	ng		98
71) Phenanthrene	11.38	178	6178106	161.951	ng		94
72) Anthracene	11.42	178	2795467	73.661	ng		99
73) Carbazole	11.57	167	1166485	35.024	ng		99
75) Fluoranthene	12.56	202	5619852	134.928	ng		95
78) Pyrene	12.79	202	5027794	142.447	ng		94
81) Benzo(a)anthracene	13.97	228	2237881m	73.096	ng		
83) Chrysene	14.01	228	1932731	62.899	ng		98
86) Indeno(1,2,3-cd)pyrene	16.87	276	789494	25.573	ng		96
88) Benzo(b)fluoranthene	15.02	252	2355173m	65.896	ng		
89) Benzo(k)fluoranthene	15.04	252	620611m	19.941	ng		
90) Benzo(a)pyrene	15.37	252	1781753	58.252	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	225993m	8.323	ng		
92) Benzo(g,h,i)perylene	17.31	276	696267	26.663	ng		98

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

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