Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118418.D
Acq On : 31 Dec 2019 21:16
Operator : JU
Sample : K6465-02 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-11-(5-6)

Manual Integrations APPROVED
mohammad
1/2/2020 11:50:19 AM

Quant Time: Jan 01 03:17:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58305	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	231807	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	126555	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	221231	20.00	ng		0.00
76) Chrysene-d12	14.06	240	178525	20.00	ng		0.01
87) Perylene-d12	15.56	264	173732	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	62965	18.43	ng		0.01
7) Phenol-d6	6.49	99	81655	19.27	ng		0.00
23) Nitrobenzene-d5	7.42	82	58703	14.48	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	25517	16.33	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	117029	14.12	ng		0.00
79) Terphenyl-d14	12.99	244	105239	9.78	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.16	128	610300	51.800	ng		99
37) 2-Methylnaphthalene	8.86	142	119603	14.827	ng		98
38) 1-Methylnaphthalene	8.96	142	85369	11.233	ng		100
46) 1,1'-Biphenyl	9.32	154	51841	5.179	ng		97
52) Acenaphthene	9.93	154	215985	29.677	ng		99
55) Dibenzofuran	10.11	168	251696	23.406	ng		97
58) Fluorene	10.46	166	331730	38.214	ng		100
71) Phenanthrene	11.44	178	2572801	213.327	ng		99
72) Anthracene	11.48	178	703445	58.272	ng		99
73) Carbazole	11.63	167	175781	16.410	ng		98
75) Fluoranthene	12.63	202	1864186	153.159	ng		97
78) Pyrene	12.86	202	1877212	128.766	ng		98
81) Benzo(a)anthracene	14.05	228	932555	74.627	ng		99
83) Chrysene	14.09	228	749768	62.661	ng		97
86) Indeno(1,2,3-cd)pyrene	17.07	276	221445	21.720	ng	#	95
88) Benzo(b)fluoranthene	15.12	252	739350m	64.111	ng		
89) Benzo(k)fluoranthene	15.14	252	155268m	14.022	ng		
90) Benzo(a)pyrene	15.50	252	561490	55.270	ng		97
91) Dibenzo(a,h)anthracene	17.07	278	60608m	6.875	ng		
92) Benzo(g,h,i)perylene	17.53	276	211805	24.871	ng		98

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

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