Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118419.D
Acq On : 31 Dec 2019 21:44
Operator : JU
Sample : K6114-01DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-O1-122719DL

Manual Integrations APPROVED
mohammad
1/2/2020 11:50:22 AM

Quant Time: Jan 01 03:23:05 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	53602	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	205283	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	96233	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	157425	20.00	ng		0.00
76) Chrysene-d12	14.06	240	155204	20.00	ng		0.00
87) Perylene-d12	15.55	264	154645	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	29386	9.36	ng		0.02
7) Phenol-d6	6.50	99	39636	10.17	ng		0.01
23) Nitrobenzene-d5	7.42	82	24325	6.78	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	9582	8.06	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	51306	8.14	ng		0.00
79) Terphenyl-d14	12.99	244	50257	5.37	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.16	128	38256	3.667	ng		99
37) 2-Methylnaphthalene	8.86	142	25792	3.610	ng		96
38) 1-Methylnaphthalene	8.96	142	26205m	3.894	ng		
49) Acenaphthylene	9.76	152	33354	3.671	ng		98
52) Acenaphthene	9.93	154	25927	4.685	ng		98
55) Dibenzofuran	10.11	168	37639	4.603	ng		94
58) Fluorene	10.45	166	77865	11.796	ng		94
71) Phenanthrene	11.42	178	516145	60.143	ng		99
72) Anthracene	11.47	178	131465	15.304	ng		98
73) Carbazole	11.63	167	42725	5.605	ng		96
75) Fluoranthene	12.62	202	451144	52.088	ng		99
78) Pyrene	12.85	202	402554	31.762	ng		99
81) Benzo(a)anthracene	14.04	228	227021	20.897	ng		99
83) Chrysene	14.08	228	186700	17.948	ng		98
86) Indeno(1,2,3-cd)pyrene	17.07	276	65888	7.434	ng		97
88) Benzo(b)fluoranthene	15.12	252	228998m	22.308	ng		
89) Benzo(k)fluoranthene	15.14	252	64471m	6.541	ng		
90) Benzo(a)pyrene	15.49	252	153596	16.985	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	18355	2.339	ng	#	86
92) Benzo(g,h,i)perylene	17.53	276	55628	7.338	ng		99

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

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