Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020598.D
Acq On : 29 May 2019 14:19
Operator : JU/SJ
Sample : K3004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CHRT-26835

Manual Integrations APPROVED
mohammad
5/30/2019 8:15:57 AM

Quant Time: May 29 16:27:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44415	20.00	ng		-0.03
21) Naphthalene-d8	10.42	136	170576	20.00	ng		-0.03
39) Acenaphthene-d10	14.29	164	123475	20.00	ng		-0.03
64) Phenanthrene-d10	17.05	188	337406	20.00	ng		-0.03
76) Chrysene-d12	21.24	240	407586	20.00	ng		-0.03
87) Perylene-d12	23.47	264	470114	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	39434	17.42	ng		-0.03
7) Phenol-d6	6.81	99	50745m	14.85	ng		-0.03
23) Nitrobenzene-d5	8.81	82	30646m	7.54	ng		-0.03
42) 2,4,6-Tribromophenol	15.79	330	38629	15.62	ng		-0.03
45) 2-Fluorobiphenyl	12.90	172	105716	10.74	ng		-0.03
79) Terphenyl-d14	19.67	244	240998	10.69	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	10.46	128	309136	35.099	ng		99
37) 2-Methylnaphthalene	12.09	142	212073	31.519	ng		97
38) 1-Methylnaphthalene	12.30	142	171620	26.325	ng		96
46) 1,1'-Biphenyl	13.12	154	42709	4.491	ng		97
49) Acenaphthylene	14.01	152	194478	15.864	ng		97
52) Acenaphthene	14.35	154	259524	35.129	ng		99
55) Dibenzofuran	14.69	168	299224	23.406	ng		99
58) Fluorene	15.34	166	522097	49.163	ng		100
71) Phenanthrene	17.09	178	4241934	231.425	ng		100
72) Anthracene	17.18	178	1153553	64.895	ng		99
73) Carbazole	17.46	167	148403	9.728	ng	#	95
75) Fluoranthene	19.12	202	6147122	241.164	ng		99
78) Pyrene	19.49	202	5196330	203.073	ng		99
81) Benzo(a)anthracene	21.23	228	2578577	91.408	ng		96
83) Chrysene	21.29	228	2234126m	81.962	ng		
86) Indeno(1,2,3-cd)pyrene	25.73	276	1302696	39.526	ng	#	97
88) Benzo(b)fluoranthene	22.81	252	2745258m	89.220	ng		
89) Benzo(k)fluoranthene	22.84	252	1071528m	35.881	ng		
90) Benzo(a)pyrene	23.38	252	2222571	78.495	ng		99
91) Dibenzo(a,h)anthracene	25.73	278	322125	11.114	ng	#	86
92) Benzo(g,h,i)perylene	26.42	276	1297501	48.292	ng		99

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

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