Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117891.D
Acq On : 20 Nov 2019 14:25
Operator : JU
Sample : K5676-16DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519DL

Manual Integrations APPROVED
mohammad
11/21/2019 1:05:09 PM

Quant Time: Nov 20 15:02:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135652	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	505190	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	235798	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	378185	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	316252	20.00	ng	0.00
87) Perylene-d12	15.62	264	386517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	196386	25.63	ng	-0.01
7) Phenol-d6	6.53	99	253199	27.39	ng	-0.02
23) Nitrobenzene-d5	7.47	82	147412	17.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	54734	21.93	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	286624	21.81	ng	-0.01
79) Terphenyl-d14	13.04	244	250577	14.48	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.22	128	173296	7.358	ng	97
37) 2-Methylnaphthalene	8.92	142	102219	6.424	ng	100
38) 1-Methylnaphthalene	9.02	142	98802	6.567	ng	100
49) Acenaphthylene	9.82	152	176065	8.391	ng	97
50) Dimethylphthalate	9.67	163	45252	2.737	ng	97
52) Acenaphthene	10.00	154	46369	3.450	ng	96
55) Dibenzofuran	10.17	168	75915	4.079	ng	98
58) Fluorene	10.52	166	164426	11.400	ng	98
71) Phenanthrene	11.48	178	769844	40.488	ng	98
72) Anthracene	11.53	178	253148	13.428	ng	96
73) Carbazole	11.69	167	38569	2.341	ng	99
75) Fluoranthene	12.68	202	1014343	61.310	ng	98
78) Pyrene	12.91	202	1009070	39.482	ng	100
81) Benzo(a)anthracene	14.10	228	692749	33.148	ng	94
83) Chrysene	14.13	228	526361	25.992	ng	98
86) Indeno(1,2,3-cd)pyrene	17.15	276	351732	20.408	ng	94
88) Benzo(b)fluoranthene	15.17	252	939806m	37.424	ng	
89) Benzo(k)fluoranthene	15.20	252	269002m	11.369	ng	
90) Benzo(a)pyrene	15.56	252	695755	31.508	ng	98
91) Dibenzo(a,h)anthracene	17.16	278	99880m	5.255	ng	
92) Benzo(g,h,i)perylene	17.62	276	310700	16.412	ng	98

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

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