Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116334.D
Acq On : 16 Aug 2019 22:50
Operator : HP/JU
Sample : K4265-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REACTOR-4-A1-A4-(0-1)

Manual Integrations APPROVED
mohammad
8/20/2019 8:37:00 AM

Quant Time: Aug 19 07:50:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	151622	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	571570	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	288819	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	470815	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	262912	20.00	ng	-0.03
87) Perylene-d12	15.44	264	292048	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1192409	131.65	ng	-0.02
7) Phenol-d6	6.46	99	1570292	137.42	ng	-0.02
23) Nitrobenzene-d5	7.39	82	994680	100.45	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	369254	131.87	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1448184	93.92	ng	-0.04
79) Terphenyl-d14	12.92	244	1307861	104.82	ng	-0.04
Target Compounds						Qvalue
31) Naphthalene	8.12	128	92836	3.452	ng	97
50) Dimethylphthalate	9.57	163	172005	8.747	ng	98
52) Acenaphthene	9.88	154	190435	12.537	ng	99
55) Dibenzofuran	10.06	168	150510	6.814	ng	98
58) Fluorene	10.40	166	187700	11.045	ng	99
71) Phenanthrene	11.36	178	1664711	69.164	ng	99
72) Anthracene	11.42	178	602779	24.746	ng	99
73) Carbazole	11.57	167	203854	9.224	ng	99
75) Fluoranthene	12.56	202	1901200	75.451	ng	97
78) Pyrene	12.79	202	1621636	81.824	ng	98
81) Benzo(a)anthracene	13.97	228	839032	49.929	ng	99
83) Chrysene	14.00	228	664009	40.701	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	371815	27.135	ng	96
88) Benzo(b)fluoranthene	15.02	252	779654m	46.170	ng	
89) Benzo(k)fluoranthene	15.04	252	297094m	18.063	ng	
90) Benzo(a)pyrene	15.38	252	584027	38.689	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	96005m	7.347	ng	
92) Benzo(g,h,i)perylene	17.34	276	335629	26.154	ng	96

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

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