Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121170.D
Acq On : 31 Jul 2020 20:53
Operator : JU/CG
Sample : L3180-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-072920

Manual Integrations APPROVED
mohammad
8/3/2020 12:23:08 PM

Quant Time: Aug 01 01:31:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132481	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	501411	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	241932	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	408568	20.00	ng	0.00
76) Chrysene-d12	13.97	240	332667	20.00	ng	0.00
86) Perylene-d12	15.42	264	386883	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	147915	18.30	ng	-0.01
7) Phenol-d6	6.43	99	182807	17.51	ng	-0.02
23) Nitrobenzene-d5	7.35	82	111264	12.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	42525	16.06	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	224868	13.88	ng	-0.01
79) Terphenyl-d14	12.90	244	187757	12.27	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.10	128	239049	9.294	ng	98
37) 2-Methylnaphthalene	8.79	142	187074	11.202	ng	98
38) 1-Methylnaphthalene	8.89	142	151634	9.587	ng	99
49) Acenaphthylene	9.69	152	160105	6.850	ng	98
50) Dimethylphthalate	9.55	163	40344	2.311	ng	99
52) Acenaphthene	9.87	154	95681	6.438	ng	100
55) Dibenzofuran	10.04	168	213747	9.946	ng	96
58) Fluorene	10.38	166	319152	19.912	ng	98
71) Phenanthrene	11.35	178	1242253	59.119	ng	100
72) Anthracene	11.40	178	411460	19.501	ng	99
73) Carbazole	11.55	167	134163	6.407	ng	98
75) Fluoranthene	12.54	202	1202516	51.630	ng	97
78) Pyrene	12.77	202	1057600	44.967	ng	99
81) Benzo(a)anthracene	13.96	228	618841	30.720	ng	94
83) Chrysene	13.99	228	490435	23.167	ng	96
87) Indeno(1,2,3-cd)pyrene	16.86	276	282039	10.482	ng	97
88) Benzo(b)fluoranthene	15.00	252	625791m	26.760	ng	
89) Benzo(k)fluoranthene	15.03	252	249724m	11.709	ng	
90) Benzo(a)pyrene	15.36	252	487214	22.835	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	81259m	3.697	ng	
92) Benzo(g,h,i)perylene	17.29	276	239781	11.065	ng	99

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

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