Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
Data File : BF115738.D
Acq On : 23 Jul 2019 23:55
Operator : HP/JU
Sample : K3943-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-71619

Manual Integrations APPROVED
mohammad
7/24/2019 11:35:09 AM

Quant Time: Jul 24 07:29:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162563	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	604227	20.00	ng		-0.02
39) Acenaphthene-d10	9.91	164	276054	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	357611	20.00	ng		0.00
76) Chrysene-d12	14.06	240	276078	20.00	ng		0.00
87) Perylene-d12	15.53	264	307250	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	510692	51.39	ng		-0.01
7) Phenol-d6	6.50	99	656093	52.03	ng		-0.02
23) Nitrobenzene-d5	7.43	82	405788	39.05	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	125369	38.91	ng		-0.02
45) 2-Fluorobiphenyl	9.23	172	733712	46.52	ng		-0.02
79) Terphenyl-d14	12.99	244	543257	36.31	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.17	128	1090523	37.266	ng		97
37) 2-Methylnaphthalene	8.87	142	785469	40.493	ng		97
38) 1-Methylnaphthalene	8.97	142	673861	36.574	ng		97
46) 1,1'-Biphenyl	9.33	154	135065	6.258	ng		96
49) Acenaphthylene	9.77	152	741794	27.859	ng		97
50) Dimethylphthalate	9.62	163	106661	5.135	ng	#	98
52) Acenaphthene	9.95	154	395290	22.994	ng		97
55) Dibenzofuran	10.12	168	297080	12.169	ng	#	94
58) Fluorene	10.46	166	776608	44.498	ng		98
71) Phenanthrene	11.44	178	3125231	170.491	ng		100
72) Anthracene	11.48	178	963662	50.868	ng		99
73) Carbazole	11.63	167	129264	7.781	ng	#	86
75) Fluoranthene	12.64	202	2791894	144.129	ng		98
78) Pyrene	12.87	202	3326977	142.237	ng		98
81) Benzo(a)anthracene	14.04	228	1931506m	106.196	ng		
83) Chrysene	14.09	228	1821147	99.743	ng		96
86) Indeno(1,2,3-cd)pyrene	17.03	276	824167	53.131	ng		98
88) Benzo(b)fluoranthene	15.11	252	1853597m	93.690	ng		
89) Benzo(k)fluoranthene	15.13	252	677107m	38.387	ng		
90) Benzo(a)pyrene	15.48	252	1447385	85.118	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	223196	14.951	ng	#	89
92) Benzo(g,h,i)perylene	17.48	276	861471	57.862	ng		97

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

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