Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118325.D
Acq On : 26 Dec 2019 19:19
Operator : JU
Sample : K6437-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-2-(3-5)

Manual Integrations APPROVED
mohammad
12/27/2019 3:19:24 PM

Quant Time: Dec 27 10:25:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97517	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	379895	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	206597	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	361060	20.00	ng		0.00
76) Chrysene-d12	14.07	240	256159	20.00	ng		0.02
87) Perylene-d12	15.56	264	276929	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	502754	88.00	ng		0.00
7) Phenol-d6	6.48	99	649600	91.66	ng		0.00
23) Nitrobenzene-d5	7.41	82	374137	56.33	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	209122	81.97	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	748924	55.34	ng		0.00
79) Terphenyl-d14	12.99	244	835050	54.08	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	26531	3.331	ng		97
31) Naphthalene	8.16	128	559819	28.993	ng		100
37) 2-Methylnaphthalene	8.85	142	202487	15.317	ng		99
38) 1-Methylnaphthalene	8.95	142	190664	15.308	ng		99
46) 1,1'-Biphenyl	9.32	154	83587	5.115	ng		97
49) Acenaphthylene	9.76	152	906295	46.465	ng		99
50) Dimethylphthalate	9.61	163	43856	2.828	ng		100
52) Acenaphthene	9.93	154	315256	26.535	ng		99
55) Dibenzofuran	10.10	168	1162131	66.200	ng		96
58) Fluorene	10.46	166	1532894	108.169	ng		98
71) Phenanthrene	11.45	178	9620518m	488.770	ng		
72) Anthracene	11.49	178	2085265	105.842	ng		99
73) Carbazole	11.63	167	1507779	86.248	ng		100
75) Fluoranthene	12.65	202	9450907	475.766	ng		88
78) Pyrene	12.88	202	7761331	371.033	ng	#	91
81) Benzo(a)anthracene	14.06	228	4364370	243.407	ng		94
83) Chrysene	14.10	228	3798106m	221.222	ng		
86) Indeno(1,2,3-cd)pyrene	17.09	276	1628327	111.310	ng		96
88) Benzo(b)fluoranthene	15.14	252	5027767m	273.508	ng		
89) Benzo(k)fluoranthene	15.16	252	1405412m	79.625	ng		
90) Benzo(a)pyrene	15.52	252	3064201	189.224	ng		96
91) Dibenzo(a,h)anthracene	17.09	278	464179m	33.032	ng		
92) Benzo(g,h,i)perylene	17.54	276	1366771	100.686	ng		99

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

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