Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Manual Integrations APPROVED
mohammad
9/16/2019 8:59:49 AM

Quant Time: Sep 13 08:27:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74862	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	305903	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	167725	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	226947	20.00	ng		0.00
76) Chrysene-d12	13.98	240	167446	20.00	ng		0.00
87) Perylene-d12	15.44	264	164503	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	170038	36.80	ng		0.00
7) Phenol-d6	6.45	99	227720	37.53	ng		-0.01
23) Nitrobenzene-d5	7.38	82	137248	25.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	43356	38.67	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	193595	19.47	ng		0.00
79) Terphenyl-d14	12.92	244	140726	15.55	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.13	128	580467	39.906	ng		98
37) 2-Methylnaphthalene	8.82	142	254974	26.345	ng	#	89
38) 1-Methylnaphthalene	8.92	142	178101	19.494	ng	#	99
46) 1,1'-Biphenyl	9.28	154	40836	3.209	ng		99
49) Acenaphthylene	9.72	152	231004	15.160	ng		98
50) Dimethylphthalate	9.57	163	39875	3.444	ng	#	50
52) Acenaphthene	9.89	154	19760	2.111	ng	#	86
55) Dibenzofuran	10.06	168	30686	2.325	ng	#	87
58) Fluorene	10.40	166	133714	13.296	ng		97
71) Phenanthrene	11.37	178	729352	57.732	ng		99
72) Anthracene	11.42	178	103475	8.137	ng		99
75) Fluoranthene	12.56	202	397886	32.048	ng		97
78) Pyrene	12.79	202	647179	43.479	ng		100
81) Benzo(a)anthracene	13.97	228	290280	27.391	ng		98
83) Chrysene	14.01	228	316904	29.025	ng		98
86) Indeno(1,2,3-cd)pyrene	16.87	276	85063	9.700	ng		95
88) Benzo(b)fluoranthene	15.02	252	253556m	25.494	ng		
89) Benzo(k)fluoranthene	15.03	252	97760m	10.781	ng		
90) Benzo(a)pyrene	15.37	252	155549	17.977	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	28309m	3.738	ng		
92) Benzo(g,h,i)perylene	17.30	276	79011	10.229	ng		95

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

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