Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117000.D
Acq On : 12 Sep 2019 18:57
Operator : HP/JU
Sample : K4850-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(6)

Manual Integrations APPROVED
mohammad
9/16/2019 8:59:44 AM

Quant Time: Sep 13 08:20:05 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	6.82	152	75194	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	307525	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	156573	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	219618	20.00	ng		0.00
76) Chrysene-d12	14.00	240	147108	20.00	ng		0.03
87) Perylene-d12	15.45	264	152282	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	215561	46.44	ng		0.00
7) Phenol-d6	6.45	99	307374	50.43	ng		-0.01
23) Nitrobenzene-d5	7.38	82	192384	35.71	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	55649	53.16	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	326414	35.17	ng		0.00
79) Terphenyl-d14	12.93	244	246472	30.99	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.13	128	684079	46.781	ng		100
37) 2-Methylnaphthalene	8.82	142	242786	24.953	ng		98
38) 1-Methylnaphthalene	8.92	142	499599	54.395	ng		98
46) 1,1'-Biphenyl	9.27	154	47846	4.027	ng		100
49) Acenaphthylene	9.72	152	730709	51.369	ng		98
50) Dimethylphthalate	9.57	163	59767	5.529	ng	#	94
52) Acenaphthene	9.89	154	250567	28.669	ng		98
55) Dibenzofuran	10.06	168	43174	3.504	ng	#	34
58) Fluorene	10.40	166	392668	41.826	ng		98
71) Phenanthrene	11.37	178	1340386	109.640	ng		99
72) Anthracene	11.42	178	576866	46.875	ng		99
75) Fluoranthene	12.58	202	2536086	211.085	ng		96
78) Pyrene	12.82	202	4402243	336.642	ng		95
81) Benzo(a)anthracene	13.99	228	1995058	214.282	ng	#	86
83) Chrysene	14.03	228	1852472	193.126	ng		93
86) Indeno(1,2,3-cd)pyrene	16.90	276	439875	57.093	ng		96
88) Benzo(b)fluoranthene	15.04	252	1460955m	158.683	ng		
89) Benzo(k)fluoranthene	15.06	252	286023m	34.073	ng		
90) Benzo(a)pyrene	15.40	252	1239410	154.733	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	170204m	24.276	ng		
92) Benzo(g,h,i)perylene	17.34	276	497371	69.557	ng		98

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

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