Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121734.D
Acq On : 29 Sep 2020 16:48
Operator : JU/CG
Sample : L4172-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-7(12-14)

Manual Integrations APPROVED
mohammad
10/1/2020 1:29:49 PM

Quant Time: Sep 29 17:43:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	140220	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	528204	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	256189	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	449484	20.00	ng	0.00
76) Chrysene-d12	13.95	240	322058	20.00	ng	0.00
86) Perylene-d12	15.39	264	269302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	753985	79.91	ng	0.00
7) Phenol-d6	6.42	99	963907	77.87	ng	0.00
23) Nitrobenzene-d5	7.35	82	625871	63.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	230352	72.34	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	984032	58.17	ng	0.00
79) Terphenyl-d14	12.89	244	828979	52.15	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.09	128	176726	6.338	ng	99
37) 2-Methylnaphthalene	8.78	142	48208	2.638	ng	99
38) 1-Methylnaphthalene	8.88	142	34688	2.040	ng	98
49) Acenaphthylene	9.68	152	64638	2.603	ng	99
50) Dimethylphthalate	9.54	163	154004	8.294	ng	97
52) Acenaphthene	9.86	154	152111	9.698	ng	99
55) Dibenzofuran	10.03	168	130143	5.892	ng	98
58) Fluorene	10.37	166	163307	9.668	ng	100
71) Phenanthrene	11.34	178	1440443	58.818	ng	100
72) Anthracene	11.38	178	374714	14.827	ng	99
73) Carbazole	11.54	167	201067	8.816	ng	97
75) Fluoranthene	12.53	202	1791747	68.537	ng	99
78) Pyrene	12.76	202	1495480	63.555	ng	99
81) Benzo(a)anthracene	13.94	228	765216	37.557	ng	98
83) Chrysene	13.97	228	666815	32.319	ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	28081	2.209	ng	99
87) Indeno(1,2,3-cd)pyrene	16.82	276	306031	17.450	ng	94
88) Benzo(b)fluoranthene	14.98	252	784317m	43.566	ng	
89) Benzo(k)fluoranthene	15.00	252	186602m	11.319	ng	
90) Benzo(a)pyrene	15.33	252	478546	31.271	ng	95
91) Dibenzo(a,h)anthracene	16.82	278	77938m	5.339	ng	
92) Benzo(g,h,i)perylene	17.25	276	263635	18.371	ng	98

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

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