Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121508.D
Acq On : 1 Sep 2020 21:13
Operator : JU/CG
Sample : L3506-11 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-083120

Manual Integrations APPROVED
mohammad
9/2/2020 1:57:34 PM

Quant Time: Sep 02 02:35:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272642	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1019781	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	486184	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	814061	20.00	ng		0.00
76) Chrysene-d12	14.03	240	631015	20.00	ng		0.00
86) Perylene-d12	15.51	264	707062	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	270654	16.66	ng		-0.01
7) Phenol-d6	6.47	99	352331	15.51	ng		-0.02
23) Nitrobenzene-d5	7.41	82	211974	14.21	ng		-0.02
42) 2,4,6-Tribromophenol	10.69	330	84401	17.19	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	445606	14.79	ng		-0.01
79) Terphenyl-d14	12.97	244	368740	12.30	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.16	128	219976	4.345	ng		96
37) 2-Methylnaphthalene	8.86	142	89234	2.660	ng		97
38) 1-Methylnaphthalene	8.95	142	67856	2.142	ng		99
49) Acenaphthylene	9.76	152	130472	2.885	ng		97
50) Dimethylphthalate	9.61	163	67695	2.027	ng	#	99
55) Dibenzofuran	10.10	168	112106	2.702	ng		95
58) Fluorene	10.45	166	145172	4.642	ng		100
71) Phenanthrene	11.41	178	1113982	26.666	ng		98
72) Anthracene	11.46	178	239199	5.822	ng		96
73) Carbazole	11.62	167	104677	2.642	ng		97
75) Fluoranthene	12.60	202	1154865	25.650	ng		97
78) Pyrene	12.83	202	967251	21.463	ng		97
81) Benzo(a)anthracene	14.02	228	450901	11.706	ng		94
83) Chrysene	14.06	228	418385	10.856	ng		97
87) Indeno(1,2,3-cd)pyrene	16.97	276	187235	4.304	ng		97
88) Benzo(b)fluoranthene	15.07	252	520233m	11.311	ng		
89) Benzo(k)fluoranthene	15.10	252	162711m	3.803	ng		
90) Benzo(a)pyrene	15.44	252	315962	7.640	ng		99
92) Benzo(g,h,i)perylene	17.42	276	162430	4.735	ng		98

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

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