Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121641.D
Acq On : 21 Sep 2020 22:43
Operator : JU/CG
Sample : L3869-06 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-091820

Manual Integrations APPROVED
mohammad
9/22/2020 10:09:17 AM

Quant Time: Sep 22 02:46:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	159781	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	613108	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	299171	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	505987	20.00	ng		0.00
76) Chrysene-d12	13.99	240	379697	20.00	ng		0.00
86) Perylene-d12	15.46	264	390418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	424483	39.48	ng		0.00
7) Phenol-d6	6.45	99	550602	39.03	ng		-0.01
23) Nitrobenzene-d5	7.37	82	362123	31.71	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	103705	27.89	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	627258	31.75	ng		0.00
79) Terphenyl-d14	12.94	244	520699	27.78	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.12	128	82380	2.545	ng		98
32) Benzoic acid	7.85	122	50377	12.565	ng		98
37) 2-Methylnaphthalene	8.82	142	78998	3.725	ng		97
38) 1-Methylnaphthalene	8.92	142	258374	13.089	ng		100
49) Acenaphthylene	9.72	152	66785	2.303	ng	#	87
50) Dimethylphthalate	9.57	163	86231	3.977	ng	#	99
52) Acenaphthene	9.89	154	299854	16.371	ng		99
55) Dibenzofuran	10.06	168	242009	9.382	ng	#	95
58) Fluorene	10.41	166	512336	25.974	ng		98
71) Phenanthrene	11.38	178	2315353	83.986	ng		99
72) Anthracene	11.43	178	690752	24.280	ng		99
73) Carbazole	11.58	167	63348	2.468	ng		98
75) Fluoranthene	12.57	202	1481952	50.357	ng		99
78) Pyrene	12.80	202	1309740	47.212	ng		100
81) Benzo(a)anthracene	13.99	228	410487	17.088	ng		97
83) Chrysene	14.02	228	379774	15.613	ng		98
87) Indeno(1,2,3-cd)pyrene	16.92	276	198151	7.793	ng		95
88) Benzo(b)fluoranthene	15.03	252	451964m	17.317	ng		
89) Benzo(k)fluoranthene	15.06	252	141937m	5.939	ng		
90) Benzo(a)pyrene	15.40	252	327068	14.742	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	53134	2.510	ng	#	87
92) Benzo(g,h,i)perylene	17.36	276	183159	8.804	ng		98

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

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