Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Manual Integrations APPROVED
mohammad
4/21/2020 8:22:20 AM

Quant Time: Apr 17 13:00:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	180662	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	706242	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	351353	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	605302	20.00	ng		0.00
76) Chrysene-d12	13.90	240	328770	20.00	ng		0.00
87) Perylene-d12	15.33	264	291846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	879901	84.17	ng		0.00
7) Phenol-d6	6.36	99	1121912	83.29	ng		0.00
23) Nitrobenzene-d5	7.29	82	745419	54.60	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	289411	67.28	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1449283	58.56	ng		0.00
79) Terphenyl-d14	12.85	244	1253714	64.17	ng		0.00
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.14	107	31004	2.432	ng	#	64
31) Naphthalene	8.03	128	82799	2.228	ng		98
50) Dimethylphthalate	9.49	163	89082	3.278	ng		100
52) Acenaphthene	9.80	154	60132	2.595	ng		98
58) Fluorene	10.31	166	74700	2.937	ng	#	98
71) Phenanthrene	11.28	178	945246	29.342	ng		99
72) Anthracene	11.33	178	252245	7.665	ng		98
73) Carbazole	11.48	167	80296	2.580	ng		97
75) Fluoranthene	12.47	202	1410958	40.592	ng		99
78) Pyrene	12.70	202	1293367	46.665	ng		99
81) Benzo(a)anthracene	13.89	228	598094	27.653	ng		97
83) Chrysene	13.92	228	540400	24.590	ng		97
86) Indeno(1,2,3-cd)pyrene	16.72	276	294205	15.187	ng		97
88) Benzo(b)fluoranthene	14.92	252	576326m	27.451	ng		
89) Benzo(k)fluoranthene	14.94	252	209627m	11.572	ng		
90) Benzo(a)pyrene	15.27	252	439995	24.926	ng		97
91) Dibenzo(a,h)anthracene	16.73	278	83498	5.340	ng	#	92
92) Benzo(g,h,i)perylene	17.14	276	273007	17.688	ng		99

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

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