Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118625.D
Acq On : 21 Jan 2020 8:31
Operator : CG/JU
Sample : L1148-17 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jan 21 10:07:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : SB-44-(2-4)

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	404657	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1091987	20.00	ng		0.01
39) Acenaphthene-d10	9.93	164	803584	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	1094235	20.00	ng		0.01
76) Chrysene-d12	14.07	240	688256	20.00	ng		0.02
87) Perylene-d12	15.54	264	889401	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	105714	4.85	ng		0.00
7) Phenol-d6	6.50	99	144039	5.09	ng		-0.01
23) Nitrobenzene-d5	7.44	82	78930	4.04	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	30496	3.28	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	183414	3.75	ng		0.00
79) Terphenyl-d14	13.00	244	158578	5.03	ng		0.00
Target Compounds							Qvalue
17) 2-Methylphenol	7.13	107	128907	6.328	ng		99
27) 2,4-Dimethylphenol	7.82	122	207337	14.085	ng		95
31) Naphthalene	8.23	128	21443651	434.708	ng	#	83
37) 2-Methylnaphthalene	8.90	142	7228802	207.610	ng	#	92
38) 1-Methylnaphthalene	8.99	142	5081479	153.613	ng	#	99
46) 1,1'-Biphenyl	9.35	154	2981394	53.832	ng		99
49) Acenaphthylene	9.79	152	4628964	70.488	ng	#	94
52) Acenaphthene	9.96	154	3203171	72.945	ng		98
55) Dibenzofuran	10.14	168	6188257	101.690	ng	#	89
58) Fluorene	10.49	166	6453274	135.081	ng		98
71) Phenanthrene	11.47	178	14583897m	276.260	ng		
72) Anthracene	11.51	178	6715579	128.563	ng		92
73) Carbazole	11.65	167	3410039	71.172	ng		99
75) Fluoranthene	12.66	202	10849963	194.867	ng		92
78) Pyrene	12.88	202	9861587m	211.049	ng		
81) Benzo(a)anthracene	14.06	228	6885484	166.307	ng	#	85
83) Chrysene	14.10	228	5280535	133.078	ng	#	91
86) Indeno(1,2,3-cd)pyrene	17.04	276	2836498	82.270	ng		97
88) Benzo(b)fluoranthene	15.12	252	7939510m	142.017	ng		
89) Benzo(k)fluoranthene	15.14	252	1905528m	36.791	ng		
90) Benzo(a)pyrene	15.50	252	6078908	126.051	ng	#	93
91) Dibenzo(a,h)anthracene	17.04	278	821687	19.262	ng		92
92) Benzo(g,h,i)perylene	17.49	276	2450249	59.158	ng		97

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

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