Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118545.D
Acq On : 13 Jan 2020 22:02
Operator : JU
Sample : L1103-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20(3-5)

Manual Integrations APPROVED
mohammad
1/14/2020 2:31:54 PM

Quant Time: Jan 15 12:10:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	120555	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	459544	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	231760	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	370252	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	302357	20.00	ng	-0.03
87) Perylene-d12	15.49	264	302621	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	658979	90.23	ng	-0.01
7) Phenol-d6	6.46	99	854216	97.83	ng	-0.02
23) Nitrobenzene-d5	7.38	82	458546	52.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	225928	82.61	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	978141	60.53	ng	-0.02
79) Terphenyl-d14	12.94	244	956173	50.11	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.47	94	28152	2.910	ng	91
31) Naphthalene	8.12	128	133818	5.567	ng	99
37) 2-Methylnaphthalene	8.82	142	46623	2.826	ng	95
49) Acenaphthylene	9.72	152	265368	11.894	ng	99
50) Dimethylphthalate	9.57	163	107099	6.021	ng	98
58) Fluorene	10.41	166	39624	2.409	ng	97
71) Phenanthrene	11.38	178	788635	38.023	ng	99
72) Anthracene	11.43	178	295315	14.312	ng	99
73) Carbazole	11.59	167	57218	3.201	ng	100
75) Fluoranthene	12.58	202	1438148	68.219	ng	99
78) Pyrene	12.81	202	1470919	59.129	ng	99
81) Benzo(a)anthracene	14.00	228	887820m	41.951	ng	
83) Chrysene	14.04	228	798993	38.851	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	351814	21.249	ng	94
88) Benzo(b)fluoranthene	15.06	252	1086502m	49.659	ng	
89) Benzo(k)fluoranthene	15.09	252	300616m	14.395	ng	
90) Benzo(a)pyrene	15.43	252	649685	36.235	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	107839m	6.414	ng	
92) Benzo(g,h,i)perylene	17.43	276	306694	19.253	ng	98

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

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