Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118902.D
Acq On : 11 Feb 2020 23:55
Operator : CG/JU
Sample : L1482-03 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-EP1-1.5

Manual Integrations APPROVED
mohammad
2/12/2020 3:51:18 PM

Quant Time: Feb 12 08:09:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	179990	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	686396	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	454795	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	959569	20.00	ng		0.00
76) Chrysene-d12	13.99	240	511502	20.00	ng		0.00
87) Perylene-d12	15.44	264	551094	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	73516	7.73	ng		-0.01
7) Phenol-d6	6.44	99	104900	8.89	ng		-0.01
23) Nitrobenzene-d5	7.36	82	73179	6.35	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	51355	9.44	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	207902	8.17	ng		-0.02
79) Terphenyl-d14	12.92	244	315165	12.66	ng		0.00
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	7.75	122	19923	2.393	ng		94
31) Naphthalene	8.13	128	8702134	277.200	ng	#	93
37) 2-Methylnaphthalene	8.82	142	4467057	205.170	ng	#	92
38) 1-Methylnaphthalene	8.92	142	3495128	170.646	ng	#	99
46) 1,1'-Biphenyl	9.27	154	1575727	50.086	ng		99
49) Acenaphthylene	9.71	152	759728	20.118	ng	#	87
52) Acenaphthene	9.88	154	682551	27.429	ng		95
55) Dibenzofuran	10.05	168	386961	10.760	ng	#	80
58) Fluorene	10.41	166	2978444m	110.090	ng		
71) Phenanthrene	11.39	178	10271755m	217.566	ng		
72) Anthracene	11.42	178	2118633m	45.108	ng		
73) Carbazole	11.57	167	539245	13.082	ng		99
75) Fluoranthene	12.57	202	5331266	103.425	ng		95
78) Pyrene	12.80	202	7008197m	199.719	ng		
81) Benzo(a)anthracene	13.97	228	2786089	91.535	ng		92
83) Chrysene	14.02	228	2680696	87.752	ng		95
86) Indeno(1,2,3-cd)pyrene	16.89	276	844657	27.520	ng		97
88) Benzo(b)fluoranthene	15.03	252	2236148m	65.391	ng		
89) Benzo(k)fluoranthene	15.04	252	657470m	22.079	ng		
90) Benzo(a)pyrene	15.39	252	2381182	81.365	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	297455	11.449	ng	#	88
92) Benzo(g,h,i)perylene	17.33	276	883901	35.377	ng		98

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

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