Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114819.D
Acq On : 5 Jun 2019 14:24
Operator : HP/JU
Sample : K3173-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-004-A

Manual Integrations APPROVED
mohammad
6/6/2019 4:49:55 PM

Quant Time: Jun 06 05:27:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	497777	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1826352	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	854748	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1523403	20.00	ng		0.00
76) Chrysene-d12	13.80	240	836794	20.00	ng		0.00
87) Perylene-d12	15.20	264	689562	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1118123	39.25	ng		0.00
7) Phenol-d6	6.30	99	2424217	69.94	ng		0.00
23) Nitrobenzene-d5	7.23	82	1562828	52.68	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	115902	12.58	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	2793329	61.22	ng		0.00
79) Terphenyl-d14	12.76	244	2654670	61.70	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.97	128	461115	5.608	ng		96
37) 2-Methylnaphthalene	8.66	142	248907	4.364	ng		97
38) 1-Methylnaphthalene	8.76	142	188334	3.482	ng		99
50) Dimethylphthalate	9.42	163	386864	6.197	ng		99
52) Acenaphthene	9.73	154	163446	3.196	ng		97
55) Dibenzofuran	9.90	168	222034	3.123	ng		95
71) Phenanthrene	11.20	178	2153868	29.616	ng		99
72) Anthracene	11.24	178	501797	6.556	ng		95
73) Carbazole	11.40	167	280266	4.272	ng		96
75) Fluoranthene	12.38	202	2109546	27.870	ng		98
78) Pyrene	12.60	202	1913433	26.358	ng		98
81) Benzo(a)anthracene	13.79	228	721384	11.187	ng		98
83) Chrysene	13.83	228	767240	12.231	ng		96
86) Indeno(1,2,3-cd)pyrene	16.53	276	264192	3.691	ng		95
88) Benzo(b)fluoranthene	14.82	252	644829m	14.689	ng		
89) Benzo(k)fluoranthene	14.83	252	223327m	5.991	ng		
90) Benzo(a)pyrene	15.14	252	437104	11.504	ng	#	86
91) Dibenzo(a,h)anthracene	16.53	278	77569	2.156	ng	#	32
92) Benzo(g,h,i)perylene	16.92	276	251201	6.942	ng	#	91

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

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