Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115652.D
Acq On : 18 Jul 2019 17:24
Operator : HP/JU
Sample : K3875-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HJDC-S3

Manual Integrations APPROVED
mohammad
7/19/2019 3:58:31 PM

Quant Time: Jul 19 07:48:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	163013	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	633782	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	287280	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	460548	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	338919	20.00	ng		-0.01
87) Perylene-d12	15.51	264	386238	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1034719	103.83	ng		0.00
7) Phenol-d6	6.52	99	1345370	106.39	ng		0.00
23) Nitrobenzene-d5	7.44	82	836597	76.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	313681	93.55	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	1097464	66.86	ng		-0.01
79) Terphenyl-d14	12.98	244	866297	47.16	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.19	128	283307	9.230	ng		96
37) 2-Methylnaphthalene	8.87	142	89735	4.410	ng		96
38) 1-Methylnaphthalene	8.97	142	74421	3.851	ng		98
50) Dimethylphthalate	9.63	163	233815	10.818	ng	#	97
52) Acenaphthene	9.95	154	143729	8.034	ng		98
55) Dibenzofuran	10.12	168	177325	6.980	ng		96
58) Fluorene	10.46	166	208584	11.484	ng		100
71) Phenanthrene	11.43	178	1624574	68.817	ng		98
72) Anthracene	11.47	178	410666	16.832	ng		99
73) Carbazole	11.63	167	208591	9.750	ng		98
75) Fluoranthene	12.62	202	1758562	70.493	ng		98
78) Pyrene	12.85	202	1591299	55.418	ng		98
81) Benzo(a)anthracene	14.03	228	917213	41.079	ng		100
83) Chrysene	14.06	228	836050	37.300	ng		96
84) Bis(2-ethylhexyl)phthalate	14.01	149	39583	2.611	ng		97
86) Indeno(1,2,3-cd)pyrene	16.98	276	364736	19.154	ng		95
88) Benzo(b)fluoranthene	15.08	252	982165m	39.491	ng		
89) Benzo(k)fluoranthene	15.10	252	330383m	14.900	ng		
90) Benzo(a)pyrene	15.44	252	661567	30.949	ng		96
91) Dibenzo(a,h)anthracene	16.99	278	104918	5.591	ng	#	92
92) Benzo(g,h,i)perylene	17.43	276	309026	16.512	ng		98

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

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