

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018199.D
 Acq On : 24 Dec 2021 03:25
 Operator : CG/JU
 Sample : M5107-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-08

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 24 23:34:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 23 14:22:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	36408	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	160090	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	107211	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	218696	0.400	ng	0.00
29) Chrysene-d12	21.206	240	110039	0.400	ng	# 0.01
35) Perylene-d12	23.457	264	136563	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	80	0.001	ng	0.03
5) Phenol-d6	6.821	99	928	0.011	ng	0.00
8) Nitrobenzene-d5	8.771	82	17217m	0.160	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	36645	0.133	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	61	0.181	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	56509	0.141	ng	-0.01
27) Fluoranthene-d10	19.033	212	74794	0.108	ng	0.00
31) Terphenyl-d14	19.643	244	48276	0.199	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.444	128	29734	0.075	ng	98
12) 2-Methylnaphthalene	12.069	142	9477	0.036	ng	98
25) Phenanthrene	17.029	178	76217m	0.131	ng	
28) Fluoranthene	19.063	202	90027	0.133	ng	95
30) Pyrene	19.425	202	90164	0.255	ng	97
32) Benzo(a)anthracene	21.185	228	21864	0.068	ng	# 1
33) Chrysene	21.238	228	35170	0.101	ng	# 28
34) Bis(2-ethylhexyl)phtha...	21.142	149	504388	3.088	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.733	276	13947	0.035	ng	# 80
37) Benzo(b)fluoranthene	22.782	252	33994m	0.080	ng	
38) Benzo(k)fluoranthene	22.810	252	13663m	0.032	ng	
39) Benzo(a)pyrene	23.361	252	15312	0.040	ng	# 1
40) Dibenzo(a,h)anthracene	25.740	278	4360	0.043	ng	# 1
41) Benzo(g,h,i)perylene	26.421	276	19712	0.054	ng	# 1

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

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