

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134933.D
 Acq On : 24 Aug 2023 19:56
 Operator : CG\JU
 Sample : 04119-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2674

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 01:22:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	84951	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	264754	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	94899	20.000	ng	0.02
64) Phenanthrene-d10	11.416	188	94059	20.000	ng	# 0.09
76) Chrysene-d12	14.045	240	132581	20.000	ng	# 0.06
86) Perylene-d12	15.480	264	150036	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	108506	20.368	ng	0.00
7) Phenol-d6	6.428	99	154541	22.703	ng	-0.01
23) Nitrobenzene-d5	7.357	82	92256	19.201	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	27106	24.252	ng	0.05
45) 2-Fluorobiphenyl	9.157	172	152653	24.867	ng	0.00
79) Terphenyl-d14	13.033	244	98223	10.190	ng	0.11
Target Compounds						Qvalue
31) Naphthalene	8.098	128	28596	2.163	ng	# 56
37) 2-Methylnaphthalene	8.798	142	78895	8.949	ng	95
38) 1-Methylnaphthalene	8.892	142	75990	9.218	ng	93
46) 1,1'-Biphenyl	9.263	154	26339	3.516	ng	95
71) Phenanthrene	11.445	178	198885	40.351	ng	# 42
75) Fluoranthene	12.680	202	204693	43.830	ng	76
81) Benzo(a)anthracene	14.033	228	123727	13.678	ng	# 90
83) Chrysene	14.068	228	153856	17.239	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.968	276	98209	9.158	ng	96
88) Benzo(b)fluoranthene	15.057	252	223734m	26.431	ng	
89) Benzo(k)fluoranthene	15.080	252	52918m	6.366	ng	
90) Benzo(a)pyrene	15.421	252	125290	14.827	ng	# 96
91) Dibenzo(a,h)anthracene	16.974	278	21107	2.432	ng	# 80
92) Benzo(g,h,i)perylene	17.421	276	94079	10.591	ng	98

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

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