

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135145.D
 Acq On : 07 Sep 2023 21:20
 Operator : CG\JU
 Sample : 04221-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-5-082923

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 01:54:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	104031	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	397559	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	167981	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	247290	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	181695	20.000	ng	0.00
86) Perylene-d12	15.427	264	150935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	584840	86.835	ng	0.00
7) Phenol-d6	6.416	99	703660	83.821	ng	0.00
23) Nitrobenzene-d5	7.334	82	431402	60.963	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	132170	74.173	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	726768	70.440	ng	0.00
79) Terphenyl-d14	12.904	244	580816	52.166	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	100870	7.907	ng	99
75) Fluoranthene	12.521	202	156716	12.150	ng	100
78) Pyrene	12.751	202	155076	8.989	ng	98
81) Benzo(a)anthracene	13.951	228	86699	6.995	ng	96
83) Chrysene	13.986	228	84275m	6.919	ng	
87) Indeno(1,2,3-cd)pyrene	16.909	276	27916	2.746	ng	# 91
88) Benzo(b)fluoranthene	15.004	252	85682m	9.123	ng	
89) Benzo(k)fluoranthene	15.027	252	24184m	2.666	ng	
90) Benzo(a)pyrene	15.368	252	52474	6.015	ng	95
92) Benzo(g,h,i)perylene	17.362	276	27442	3.204	ng	# 91

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

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