

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135327.D
 Acq On : 19 Sep 2023 02:00
 Operator : CG\JU
 Sample : 04445-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-09142023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 19 02:20:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	103083	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	350038	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	146437	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	261415	20.000	ng	0.00
76) Chrysene-d12	13.939	240	204022	20.000	ng	0.00
86) Perylene-d12	15.409	264	144726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	333525	52.624	ng	0.00
7) Phenol-d6	6.398	99	398917	49.499	ng	0.00
23) Nitrobenzene-d5	7.316	82	233163	36.189	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	68592	47.135	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	390399	40.222	ng	-0.02
79) Terphenyl-d14	12.880	244	391225	29.726	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.310	178	112553	9.103	ng	99
72) Anthracene	11.363	178	25966	2.043	ng	95
75) Fluoranthene	12.504	202	189258	14.691	ng	99
78) Pyrene	12.733	202	155467	8.004	ng	99
81) Benzo(a)anthracene	13.933	228	71234	5.407	ng	98
83) Chrysene	13.968	228	74400m	5.680	ng	
87) Indeno(1,2,3-cd)pyrene	16.886	276	21268	2.241	ng	93
88) Benzo(b)fluoranthene	14.980	252	59318m	7.571	ng	
89) Benzo(k)fluoranthene	15.009	252	23720m	3.065	ng	
90) Benzo(a)pyrene	15.345	252	38115	5.102	ng	# 91
92) Benzo(g,h,i)perylene	17.339	276	20126	2.482	ng	97

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

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