

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132470.D
 Acq On : 18 Feb 2023 02:01
 Operator : CG\JU
 Sample : 01552-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0-2.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 02:59:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	212282	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	747987	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	344067	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	576677	20.000	ng	0.00
76) Chrysene-d12	14.224	240	363676	20.000	ng	# 0.00
86) Perylene-d12	15.789	264	292206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1270858	95.928	ng	0.00
7) Phenol-d6	6.643	99	1612075	93.190	ng	0.00
23) Nitrobenzene-d5	7.584	82	1042333	66.958	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	296449	86.355	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	1545884	69.385	ng	0.00
79) Terphenyl-d14	13.160	244	1486309	74.431	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.589	178	149645	5.038	ng	98
75) Fluoranthene	12.789	202	464348	14.019	ng	99
78) Pyrene	13.019	202	430036	13.920	ng	99
81) Benzo(a)anthracene	14.213	228	235044	8.824	ng	99
83) Chrysene	14.248	228	202562	7.959	ng	96
87) Indeno(1,2,3-cd)pyrene	17.401	276	92774	4.967	ng	95
88) Benzo(b)fluoranthene	15.319	252	255962m	13.320	ng	
89) Benzo(k)fluoranthene	15.348	252	60436m	3.143	ng	
90) Benzo(a)pyrene	15.719	252	158130	8.855	ng	# 90
92) Benzo(g,h,i)perylene	17.895	276	89470	5.663	ng	97

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

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