

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134324.D
 Acq On : 17 Jul 2023 19:48
 Operator : CG\JU
 Sample : 03601-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071223RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:16:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	65305	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	231142	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	102373	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	184390	20.000	ng	0.00
76) Chrysene-d12	14.027	240	104068	20.000	ng	-0.01
86) Perylene-d12	15.539	264	84950	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	365111	93.522	ng	0.00
7) Phenol-d6	6.475	99	427952	89.135	ng	-0.01
23) Nitrobenzene-d5	7.398	82	287569	67.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	118222	92.105	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	512778	72.824	ng	-0.01
79) Terphenyl-d14	12.963	244	509750	78.833	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	58848	6.340	ng	97
75) Fluoranthene	12.586	202	102043	10.168	ng	99
78) Pyrene	12.821	202	89740	9.266	ng	99
81) Benzo(a)anthracene	14.021	228	34186m	4.737	ng	
83) Chrysene	14.057	228	35696	5.106	ng	96
87) Indeno(1,2,3-cd)pyrene	17.086	276	13509	2.292	ng	98
88) Benzo(b)fluoranthene	15.092	252	32192m	6.445	ng	
89) Benzo(k)fluoranthene	15.121	252	12868m	2.530	ng	
90) Benzo(a)pyrene	15.474	252	24162	5.002	ng	# 83
92) Benzo(g,h,i)perylene	17.562	276	15626	3.147	ng	# 75

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

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