

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136700.D
 Acq On : 22 Dec 2023 22:57
 Operator : CG\JU
 Sample : 05765-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-SB-01-10-11

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 23 01:57:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64614	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	227660	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	97920	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	148492	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	133743	20.000	ng	0.00
86) Perylene-d12	15.439	264	128345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	271037	65.449	ng	0.00
7) Phenol-d6	6.428	99	380160	70.847	ng	-0.01
23) Nitrobenzene-d5	7.340	82	239925	53.928	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	36988	32.074	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	411632	56.540	ng	-0.02
79) Terphenyl-d14	12.904	244	325231	33.983	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	9.845	154	20925	3.535	ng	100
58) Fluorene	10.363	166	24131	3.390	ng	# 98
71) Phenanthrene	11.333	178	373190	48.980	ng	99
72) Anthracene	11.380	178	94817	12.288	ng	98
75) Fluoranthene	12.527	202	539815	66.235	ng	98
78) Pyrene	12.763	202	684043	52.101	ng	100
81) Benzo(a)anthracene	13.951	228	338131	36.409	ng	97
83) Chrysene	13.992	228	298667	32.887	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	87643	9.458	ng	94
88) Benzo(b)fluoranthene	15.010	252	289317m	33.750	ng	
89) Benzo(k)fluoranthene	15.033	252	86547m	10.685	ng	
90) Benzo(a)pyrene	15.380	252	218985	30.264	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	22338	2.938	ng	# 90
92) Benzo(g,h,i)perylene	17.386	276	89046	11.436	ng	97

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

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