

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134964.D
 Acq On : 28 Aug 2023 12:48
 Operator : CG\JU
 Sample : 04110-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22(3-4)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:48:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	94167	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	375078	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	191539	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	366920	20.000	ng	0.00
76) Chrysene-d12	13.974	240	218613	20.000	ng	0.00
86) Perylene-d12	15.451	264	254633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	492402	83.385	ng	0.00
7) Phenol-d6	6.428	99	647089	85.756	ng	-0.01
23) Nitrobenzene-d5	7.351	82	407552	59.874	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	192655	85.402	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	751298	60.637	ng	-0.01
79) Terphenyl-d14	12.916	244	823940	51.838	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.086	128	60194	3.214	ng	98
52) Acenaphthene	9.857	154	58697	5.358	ng	98
55) Dibenzofuran	10.028	168	32935	2.065	ng	# 94
58) Fluorene	10.375	166	38948	3.219	ng	99
71) Phenanthrene	11.345	178	581228	30.229	ng	99
72) Anthracene	11.392	178	134619	6.833	ng	99
73) Carbazole	11.551	167	91289	5.624	ng	99
75) Fluoranthene	12.539	202	872260	47.879	ng	99
78) Pyrene	12.769	202	754904	32.569	ng	99
81) Benzo(a)anthracene	13.963	228	409505	27.455	ng	99
83) Chrysene	14.004	228	382531	25.993	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	273976	15.053	ng	94
88) Benzo(b)fluoranthene	15.021	252	566320m	39.420	ng	
89) Benzo(k)fluoranthene	15.045	252	173274m	12.283	ng	
90) Benzo(a)pyrene	15.392	252	414335	28.891	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	70412m	4.781	ng	
92) Benzo(g,h,i)perylene	17.392	276	248403	16.477	ng	99

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

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