

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134968.D
 Acq On : 28 Aug 2023 14:56
 Operator : CG\JU
 Sample : 04113-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-2-082323

Manual Integrations
 APPROVED

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

Quant Time: Aug 29 03:49:11 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	139896	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	545601	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	257748	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	411927	20.000	ng	0.00
76) Chrysene-d12	13.980	240	305626	20.000	ng	0.00
86) Perylene-d12	15.463	264	243055	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	264997	30.207	ng	-0.01
7) Phenol-d6	6.422	99	330348	29.469	ng	-0.02
23) Nitrobenzene-d5	7.345	82	198342	20.032	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	76172	25.093	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	378788	22.719	ng	-0.01
79) Terphenyl-d14	12.916	244	364894	16.421	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.686	152	88175	3.768	ng	99
52) Acenaphthene	9.857	154	30476	2.067	ng	97
58) Fluorene	10.375	166	88547	5.439	ng	100
71) Phenanthrene	11.345	178	890298	41.245	ng	100
72) Anthracene	11.398	178	196388	8.880	ng	99
75) Fluoranthene	12.545	202	1040387	50.868	ng	100
78) Pyrene	12.775	202	1131825	34.928	ng	99
81) Benzo(a)anthracene	13.969	228	510169	24.466	ng	92
83) Chrysene	14.004	228	468148	22.754	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	150409	8.657	ng	95
88) Benzo(b)fluoranthene	15.027	252	419594m	30.598	ng	
89) Benzo(k)fluoranthene	15.051	252	142894m	10.612	ng	
90) Benzo(a)pyrene	15.398	252	296582	21.665	ng	97
91) Dibenzo(a,h)anthracene	16.962	278	39322	2.797	ng	# 71
92) Benzo(g,h,i)perylene	17.409	276	147958	10.282	ng	99

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

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