

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136081.D
 Acq On : 01 Nov 2023 17:27
 Operator : CG\JU
 Sample : 05040-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-4(50FT)(0-5)DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:41:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.823	152	131023	20.000	ng	0.00
21) Naphthalene-d8	8.099	136	502033	20.000	ng	0.00
39) Acenaphthene-d10	9.864	164	246978	20.000	ng	0.00
64) Phenanthrene-d10	11.352	188	382561	20.000	ng	0.00
76) Chrysene-d12	14.011	240	269296	20.000	ng	0.00
86) Perylene-d12	15.505	264	258338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	185966	22.304	ng	-0.01
7) Phenol-d6	6.447	99	235016	22.623	ng	-0.01
23) Nitrobenzene-d5	7.376	82	129362	15.533	ng	-0.02
42) 2,4,6-Tribromophenol	10.652	330	51755	19.633	ng	0.00
45) 2-Fluorobiphenyl	9.182	172	286271	18.477	ng	0.00
79) Terphenyl-d14	12.952	244	243725	14.065	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.123	128	68815	2.843	ng	100
38) 1-Methylnaphthalene	8.917	142	32010	2.119	ng	97
49) Acenaphthylene	9.723	152	91423	4.222	ng	99
58) Fluorene	10.411	166	48180	3.206	ng	98
71) Phenanthrene	11.376	178	290860	15.100	ng	99
72) Anthracene	11.429	178	124441	6.305	ng	98
75) Fluoranthene	12.576	202	447536	22.616	ng	100
78) Pyrene	12.805	202	610817	25.727	ng	99
81) Benzo(a)anthracene	14.005	228	277983m	15.592	ng	
83) Chrysene	14.040	228	276391	15.742	ng	98
87) Indeno(1,2,3-cd)pyrene	17.011	276	94976	5.625	ng	96
88) Benzo(b)fluoranthene	15.064	252	272795m	17.846	ng	
89) Benzo(k)fluoranthene	15.093	252	64333m	4.253	ng	
90) Benzo(a)pyrene	15.440	252	222332	15.654	ng	98
92) Benzo(g,h,i)perylene	17.469	276	100114	8.870	ng	99

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

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