

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144217.D
 Acq On : 11 Nov 2025 22:27
 Operator : RC/JU
 Sample : Q3581-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 12 03:46:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	82239	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	320494	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	188432	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	329848	20.000	ng	0.00
76) Chrysene-d12	14.051	240	199878	20.000	ng	0.00
86) Perylene-d12	15.539	264	218860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	364299	69.320	ng	0.00
7) Phenol-d6	6.498	99	426514	71.627	ng	0.00
23) Nitrobenzene-d5	7.434	82	264476	47.660	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	135855	57.454	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	576468	45.184	ng	0.00
79) Terphenyl-d14	12.992	244	557958	44.340	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.428	178	109298	6.655	ng	98
75) Fluoranthene	12.622	202	185176	10.915	ng	100
78) Pyrene	12.851	202	149075	9.250	ng	99
81) Benzo(a)anthracene	14.045	228	69805	5.039	ng	99
83) Chrysene	14.074	228	81641	6.384	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	37950	2.416	ng	95
88) Benzo(b)fluoranthene	15.104	252	101786m	8.180	ng	
89) Benzo(k)fluoranthene	15.121	252	27326m	2.346	ng	
90) Benzo(a)pyrene	15.474	252	54068	4.710	ng	# 97
92) Benzo(g,h,i)perylene	17.486	276	35184	2.824	ng	93

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

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