

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142894.D
 Acq On : 27 Jun 2025 15:44
 Operator : RC/JU
 Sample : Q2420-01DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933DL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/30/2025
 Supervised By :Jagrut Upadhyay 06/30/2025

Quant Time: Jun 27 16:06:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56754	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	198490	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	92023	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	151388	20.000	ng	0.00
76) Chrysene-d12	14.057	240	150349	20.000	ng	0.00
86) Perylene-d12	15.551	264	109943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	27462	8.056	ng	0.00
7) Phenol-d6	6.504	99	32581	8.101	ng	0.00
23) Nitrobenzene-d5	7.434	82	18393	5.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	6763	7.142	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	42832	6.114	ng	-0.01
79) Terphenyl-d14	12.992	244	46417	4.266	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.951	154	107555	19.630	ng	100
55) Dibenzofuran	10.122	168	42676	5.432	ng	98
58) Fluorene	10.469	166	88941	14.495	ng	99
71) Phenanthrene	11.433	178	593131	72.327	ng	99
72) Anthracene	11.486	178	98605	11.724	ng	99
75) Fluoranthene	12.633	202	1441507	185.215	ng	99
78) Pyrene	12.863	202	1040441	73.828	ng	97
81) Benzo(a)anthracene	14.051	228	352280	34.733	ng	98
83) Chrysene	14.086	228	255720	28.255	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	18997	2.269	ng	# 89
88) Benzo(b)fluoranthene	15.110	252	155708m	24.476	ng	
89) Benzo(k)fluoranthene	15.127	252	50839m	8.542	ng	
90) Benzo(a)pyrene	15.486	252	65679	10.687	ng	97
92) Benzo(g,h,i)perylene	17.515	276	16027	2.362	ng	98

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

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