

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142764.D
 Acq On : 12 Jun 2025 18:27
 Operator : RC/JU
 Sample : Q2224-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-06042025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/13/2025
 Supervised By :mohammad ahmed 06/13/2025

Quant Time: Jun 13 01:00:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	44300	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	137605	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	68198	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	138909	20.000	ng	0.00
76) Chrysene-d12	14.068	240	136909	20.000	ng	0.00
86) Perylene-d12	15.562	264	93901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	53707	20.648	ng	0.00
7) Phenol-d6	6.516	99	55620	18.170	ng	0.00
23) Nitrobenzene-d5	7.451	82	32505	12.928	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	15342	20.526	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	70734	13.780	ng	0.00
79) Terphenyl-d14	13.004	244	111181	11.153	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	27356	3.676	ng	99
75) Fluoranthene	12.633	202	100760	14.239	ng	98
78) Pyrene	12.863	202	95601	7.514	ng	98
81) Benzo(a)anthracene	14.057	228	59654	6.575	ng	93
83) Chrysene	14.092	228	44088m	5.263	ng	
87) Indeno(1,2,3-cd)pyrene	17.074	276	18778	2.699	ng	96
88) Benzo(b)fluoranthene	15.121	252	47393m	8.572	ng	
89) Benzo(k)fluoranthene	15.139	252	18792m	3.503	ng	
90) Benzo(a)pyrene	15.498	252	31759	6.041	ng	# 88
92) Benzo(g,h,i)perylene	17.533	276	18449	3.265	ng	92

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

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