

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143316.D
 Acq On : 05 Aug 2025 15:26
 Operator : RC/JU
 Sample : Q2758-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 05 15:47:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	117966	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	426817	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	181244	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	254194	20.000	ng	0.00
76) Chrysene-d12	14.139	240	196384	20.000	ng	0.02
86) Perylene-d12	15.657	264	141578	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	531476	71.295	ng	0.01
7) Phenol-d6	6.593	99	681764	72.660	ng	0.00
23) Nitrobenzene-d5	7.516	82	433237	50.597	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	120114	64.151	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	755400	57.001	ng	0.00
79) Terphenyl-d14	13.075	244	608502	46.110	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.263	128	61107	2.907	ng	99
37) 2-Methylnaphthalene	8.957	142	46908	3.667	ng	99
71) Phenanthrene	11.516	178	182250	13.503	ng	98
72) Anthracene	11.563	178	43545m	3.163	ng	
75) Fluoranthene	12.704	202	393665	31.777	ng	97
78) Pyrene	12.939	202	404969	24.162	ng	98
81) Benzo(a)anthracene	14.127	228	204400	15.546	ng	# 87
83) Chrysene	14.163	228	155959	13.193	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.110	149	33330	4.291	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.210	276	100295	10.046	ng	96
88) Benzo(b)fluoranthene	15.210	252	186213m	21.530	ng	
89) Benzo(k)fluoranthene	15.221	252	75056m	9.725	ng	
90) Benzo(a)pyrene	15.592	252	132976	16.687	ng	# 83
91) Dibenzo(a,h)anthracene	17.215	278	20078	2.471	ng	# 61
92) Benzo(g,h,i)perylene	17.680	276	112786	14.349	ng	96

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

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