

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141927.D
 Acq On : 11 Mar 2025 20:42
 Operator : RC/JU
 Sample : Q1507-01DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 50-MIDDLESEX-AVEDL

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 12 01:17:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	131225	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	492460	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	255146	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	397084	20.000	ng	0.00
76) Chrysene-d12	14.039	240	335907	20.000	ng	0.00
86) Perylene-d12	15.509	264	243609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	144904	18.429	ng	0.00
7) Phenol-d6	6.492	99	183452	18.325	ng	-0.01
23) Nitrobenzene-d5	7.434	82	118416	13.532	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	46731	14.437	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	238046	14.189	ng	0.00
79) Terphenyl-d14	12.980	244	220883	9.722	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	351912	16.408	ng	98
72) Anthracene	11.474	178	115761	5.380	ng	98
75) Fluoranthene	12.616	202	1334890	58.674	ng	100
78) Pyrene	12.845	202	1195119	41.131	ng	99
81) Benzo(a)anthracene	14.027	228	771521	35.002	ng	99
83) Chrysene	14.063	228	704708	35.270	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	138560	8.793	ng	95
88) Benzo(b)fluoranthene	15.080	252	538717m	32.266	ng	
89) Benzo(k)fluoranthene	15.092	252	248895m	17.420	ng	
90) Benzo(a)pyrene	15.445	252	306325	23.448	ng	97
91) Dibenzo(a,h)anthracene	17.004	278	43570	3.351	ng	# 91
92) Benzo(g,h,i)perylene	17.439	276	118200	9.199	ng	98

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

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