

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
 Data File : BF141935.D
 Acq On : 12 Mar 2025 12:16
 Operator : RC/JU
 Sample : Q1507-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 50-MIDDLESEX-AVEDL

Quant Time: Mar 12 12:49:27 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	145431	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	572584	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	315823	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	471031	20.000	ng	0.00
76) Chrysene-d12	14.039	240	316987	20.000	ng	0.00
86) Perylene-d12	15.510	264	374861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	160408	18.408	ng	0.00
7) Phenol-d6	6.493	99	204647	18.446	ng	-0.01
23) Nitrobenzene-d5	7.434	82	138703	13.632	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	59870	14.943	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	281190	13.540	ng	0.00
79) Terphenyl-d14	12.980	244	216691	10.107	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.422	178	414214	16.281	ng	99
72) Anthracene	11.475	178	128746	5.044	ng	99
75) Fluoranthene	12.616	202	1348310	49.960	ng	99
78) Pyrene	12.839	202	1144655	41.746	ng	98
81) Benzo(a)anthracene	14.027	228	743730	35.755	ng	99
83) Chrysene	14.063	228	653012	34.633	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	231508	9.547	ng	95
88) Benzo(b)fluoranthene	15.080	252	720351m	28.039	ng	
89) Benzo(k)fluoranthene	15.092	252	327534m	14.897	ng	
90) Benzo(a)pyrene	15.445	252	465216	23.142	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	74332	3.715	ng	94
92) Benzo(g,h,i)perylene	17.433	276	188033	9.510	ng	98

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

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