

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142017.D
 Acq On : 20 Mar 2025 18:05
 Operator : RC/JU
 Sample : Q1606-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3025

Quant Time: Mar 20 18:33:09 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	6.875	152	135406	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	468785	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	208002	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	309663	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	317974	20.000	ng	0.00
86) Perylene-d12	15.510	264	242352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	742182	91.478	ng	0.00
7) Phenol-d6	6.498	99	870603	84.280	ng	0.00
23) Nitrobenzene-d5	7.434	82	554464	66.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	200072	75.820	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	893656	65.340	ng	-0.01
79) Terphenyl-d14	12.980	244	884949	41.147	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.175	128	175599	7.292	ng	99
52) Acenaphthene	9.939	154	25432	2.070	ng	97
58) Fluorene	10.457	166	42292	3.124	ng	99
71) Phenanthrene	11.422	178	346032	20.688	ng	99
72) Anthracene	11.469	178	129049	7.690	ng	100
75) Fluoranthene	12.610	202	703257	39.637	ng	99
78) Pyrene	12.839	202	678416	24.665	ng	98
81) Benzo(a)anthracene	14.027	228	459894	22.041	ng	96
83) Chrysene	14.063	228	318719	16.851	ng	96
87) Indeno(1,2,3-cd)pyrene	16.992	276	109258m	6.969	ng	
88) Benzo(b)fluoranthene	15.080	252	347518m	20.923	ng	
89) Benzo(k)fluoranthene	15.098	252	105254m	7.405	ng	
90) Benzo(a)pyrene	15.445	252	252400	19.421	ng	96
91) Dibenzo(a,h)anthracene	17.004	278	33452	2.586	ng	# 82
92) Benzo(g,h,i)perylene	17.439	276	97121	7.598	ng	96

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

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Abundance

TIC: BF142017.D\data.ms

Time-->

2-Fluorophenol, S

Phenol-d6, S

Nitrobenzene-d5, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

Acenaphthene-d10, I

2,4,6-Tribromophenol, S

Fluorene

Anthracene

Phenanthrene-d10, I

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Chrysene

Benzo(a)anthracene

Benzo(k)fluoranthene

Benzo(b)fluoranthene

Benzo(e)pyrene, C

Benzo(a)pyrene

Dibenz(a,h)anthracene

Benzo(g,h,i)perylene