

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141966.D
 Acq On : 14 Mar 2025 15:38
 Operator : RC/JU
 Sample : Q1545-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-031125

Quant Time: Mar 14 16:09:37 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	132082	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	451878	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	200214	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	325126	20.000	ng	0.00
76) Chrysene-d12	14.033	240	350423	20.000	ng	0.00
86) Perylene-d12	15.510	264	260550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	701850	88.684	ng	0.00
7) Phenol-d6	6.492	99	804185	79.810	ng	-0.01
23) Nitrobenzene-d5	7.434	82	530215	66.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	207485	81.688	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	934220	70.963	ng	-0.01
79) Terphenyl-d14	12.980	244	1112617	46.942	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	9.769	152	78947	4.692	ng	100
71) Phenanthrene	11.416	178	41826	2.382	ng	98
75) Fluoranthene	12.610	202	228660	12.275	ng	100
78) Pyrene	12.839	202	287084	9.471	ng	99
81) Benzo(a)anthracene	14.021	228	214941m	9.347	ng	
83) Chrysene	14.057	228	189060	9.070	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	142907m	8.479	ng	
88) Benzo(b)fluoranthene	15.074	252	326234m	18.269	ng	
89) Benzo(k)fluoranthene	15.092	252	101784m	6.661	ng	
90) Benzo(a)pyrene	15.445	252	191921	13.736	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	34820	2.504	ng	# 85
92) Benzo(g,h,i)perylene	17.433	276	139082	10.121	ng	97

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

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