

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141190.D
 Acq On : 16 Jan 2025 17:24
 Operator : RC/JU
 Sample : Q1093-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407

Quant Time: Jan 16 22:45:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	132711	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	465537	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	168370	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	218161	20.000	ng	# 0.04
76) Chrysene-d12	14.016	240	270540	20.000	ng	# 0.03
86) Perylene-d12	15.468	264	242326	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	365921	42.594	ng	0.00
7) Phenol-d6	6.440	99	441827	40.601	ng	0.00
23) Nitrobenzene-d5	7.369	82	264367	30.102	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	89854	46.836	ng	0.02
45) 2-Fluorobiphenyl	9.175	172	427270	38.752	ng	0.00
79) Terphenyl-d14	12.969	244	396181	21.766	ng	0.04
Target Compounds						
						Qvalue
6) Aniline	6.457	93	27974	2.895	ng	# 76
71) Phenanthrene	11.404	178	63113	5.389	ng	# 1
75) Fluoranthene	12.598	202	167211	14.306	ng	# 67
78) Pyrene	12.827	202	176360	6.825	ng	# 73
81) Benzo(a)anthracene	14.004	228	142565	7.743	ng	# 84
83) Chrysene	14.039	228	125435	7.281	ng	# 89
84) Bis(2-ethylhexyl)phtha...	13.986	149	94469	9.139	ng	# 83
87) Indeno(1,2,3-cd)pyrene	16.909	276	79505	4.478	ng	94
88) Benzo(b)fluoranthene	15.045	252	202935m	12.987	ng	
89) Benzo(k)fluoranthene	15.063	252	54406m	4.120	ng	
90) Benzo(a)pyrene	15.404	252	113471	8.801	ng	# 82
92) Benzo(g,h,i)perylene	17.351	276	73470	4.919	ng	96

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

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