

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141967.D
 Acq On : 14 Mar 2025 16:07
 Operator : RC/JU
 Sample : Q1549-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Quant Time: Mar 14 16:58:36 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	112706	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	365095	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	164947	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	297340	20.000	ng	0.00
76) Chrysene-d12	14.033	240	334585	20.000	ng	0.00
86) Perylene-d12	15.504	264	249377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	586691	86.878	ng	0.00
7) Phenol-d6	6.492	99	661538	76.940	ng	-0.01
23) Nitrobenzene-d5	7.434	82	429422	66.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	186750	89.244	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	746926	68.867	ng	-0.01
79) Terphenyl-d14	12.980	244	1017218	44.949	ng	0.00
Target Compounds						
						Qvalue
70) Pentachlorophenol	11.198	266	7554	2.994	ng	96
71) Phenanthrene	11.422	178	49709	3.095	ng	99
75) Fluoranthene	12.610	202	123480	7.248	ng	99
78) Pyrene	12.839	202	119809	4.140	ng	99
81) Benzo(a)anthracene	14.021	228	74271m	3.383	ng	
83) Chrysene	14.057	228	83268	4.184	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	38170	2.444	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	37129	2.302	ng	# 93
88) Benzo(b)fluoranthene	15.074	252	106082m	6.207	ng	
89) Benzo(k)fluoranthene	15.092	252	31525m	2.155	ng	
90) Benzo(a)pyrene	15.439	252	57630	4.309	ng	# 96
92) Benzo(g,h,i)perylene	17.427	276	37977	2.887	ng	95

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

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