Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142980.D
Acq On : 02 Jul 2025 19:52
Operator : RC/JU
Sample : Q2450-01DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725DL

Quant Time: Jul 03 01:08:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	62710	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	237451	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	115579	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	161220	20.000	ng	0.00
76) Chrysene-d12	14.051	240	138134	20.000	ng	0.00
86) Perylene-d12	15.545	264	105923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	12421	3.298	ng	0.00
7) Phenol-d6	6.504	99	14925	3.359	ng	0.00
23) Nitrobenzene-d5	7.434	82	8919	2.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	3082	2.591	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	23117	2.627	ng	-0.02
79) Terphenyl-d14	12.986	244	18377	1.838	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.175	128	32980	2.838	ng	99
52) Acenaphthene	9.945	154	30012	4.361	ng	99
55) Dibenzofuran	10.116	168	29163	2.955	ng	98
58) Fluorene	10.463	166	39709	5.152	ng	98
71) Phenanthrene	11.427	178	231618	26.521	ng	100
72) Anthracene	11.475	178	75665	8.448	ng	99
73) Carbazole	11.633	167	15519	2.008	ng	99
75) Fluoranthene	12.621	202	359441	43.367	ng	99
78) Pyrene	12.851	202	316070	24.411	ng	99
81) Benzo(a)anthracene	14.039	228	191568	20.558	ng	97
83) Chrysene	14.074	228	146513	17.620	ng	97
87) Indeno(1,2,3-cd)pyrene	17.045	276	59994	7.436	ng	95
88) Benzo(b)fluoranthene	15.104	252	189276m	30.881	ng	
89) Benzo(k)fluoranthene	15.121	252	58515m	10.204	ng	
90) Benzo(a)pyrene	15.480	252	122389	20.670	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	14836m	2.263	ng	
92) Benzo(g,h,i)perylene	17.504	276	54762	8.377	ng	98

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

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