

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142183.D
 Acq On : 31 Mar 2025 16:28
 Operator : RC/JU
 Sample : Q1654-01DL2 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3407DL2

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/01/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 31 17:06:06 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	6.863	152	109537	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	432392	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	207391	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	307146	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	226518	20.000	ng	-0.01
86) Perylene-d12	15.504	264	281821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	11499	1.752	ng	-0.01
7) Phenol-d6	6.492	99	17427	2.085	ng	-0.01
23) Nitrobenzene-d5	7.428	82	11098	1.444	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	3598	1.368	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	27674	2.029	ng	-0.02
79) Terphenyl-d14	12.974	244	20393	1.331	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.169	128	344530	15.511	ng	99
37) 2-Methylnaphthalene	8.863	142	236142	15.906	ng	100
38) 1-Methylnaphthalene	8.957	142	117337	8.190	ng	97
46) 1,1'-Biphenyl	9.322	154	76820	4.875	ng	98
52) Acenaphthene	9.933	154	304069	24.825	ng	99
55) Dibenzofuran	10.110	168	328771	18.785	ng	96
58) Fluorene	10.451	166	365377	27.071	ng	99
71) Phenanthrene	11.416	178	1076604	64.895	ng	99
72) Anthracene	11.463	178	149548	8.985	ng	97
73) Carbazole	11.622	167	40559	2.826	ng	99
75) Fluoranthene	12.604	202	534898	30.395	ng	99
78) Pyrene	12.833	202	324783	16.576	ng	98
81) Benzo(a)anthracene	14.021	228	96113	6.466	ng	99
83) Chrysene	14.057	228	70925	5.264	ng	97
88) Benzo(b)fluoranthene	15.074	252	51108m	2.646	ng	

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

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