Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143971.D
Acq On : 16 Oct 2025 00:16
Operator : RC/JU
Sample : Q3345-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 16 11:13:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
M-R-SOIL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	111300	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	375424	20.00	ng		0.00
39) Acenaphthene-d10	9.928	164	167299	20.00	ng		0.00
64) Phenanthrene-d10	11.422	188	278867	20.00	ng		0.00
76) Chrysene-d12	14.068	240	222707	20.00	ng		0.00
86) Perylene-d12	15.557	264	184434	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	141308	20.16	ng		0.00
7) Phenol-d6	6.498	99	170090	20.36	ng		-0.02
23) Nitrobenzene-d5	7.439	82	87991	14.24	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	25801	15.48	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	153542	14.56	ng		-0.01
79) Terphenyl-d14	13.004	244	157666	12.10	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.192	128	1866546	109.30	ng		98
37) 2-Methylnaphthalene	8.881	142	551211	48.45	ng		99
38) 1-Methylnaphthalene	8.980	142	567202	51.40	ng		98
46) 1,1'-Biphenyl	9.345	154	133524	12.05	ng		100
49) Acenaphthylene	9.786	152	244091	18.80	ng	#	95
52) Acenaphthene	9.957	154	280898	33.02	ng		99
55) Dibenzofuran	10.133	168	223199	18.59	ng	#	96
58) Fluorene	10.475	166	386757	42.68	ng		98
71) Phenanthrene	11.445	178	1215270	89.89	ng		100
72) Anthracene	11.498	178	472604	34.60	ng		99
73) Carbazole	11.645	167	123419	10.20	ng		96
75) Fluoranthene	12.639	202	1084370	77.65	ng		99
78) Pyrene	12.868	202	1177096	63.40	ng		98
81) Benzo(a)anthracene	14.063	228	659825	45.27	ng	#	90
83) Chrysene	14.098	228	486973	36.10	ng		97
87) Indeno(1,2,3-cd)pyrene	17.056	276	165545	14.65	ng		99
88) Benzo(b)fluoranthene	15.127	252	439945m	41.53	ng		
89) Benzo(k)fluoranthene	15.139	252	152566m	15.56	ng		
90) Benzo(a)pyrene	15.498	252	360178	39.21	ng	#	96
91) Dibenzo(a,h)anthracene	17.068	278	46432	5.11	ng	#	83
92) Benzo(g,h,i)perylene	17.515	276	152684	16.80	ng	#	93

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

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