Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
Data File : BF142179.D
Acq On : 31 Mar 2025 14:29
Operator : RC/JU
Sample : Q1657-01DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11998DL

Manual Integrations APPROVED

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

Quant Time: Mar 31 15:04:06 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	125778	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	504358	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	238522	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	393426	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	294471	20.000	ng	0.00
86) Perylene-d12	15.509	264	356799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	396112	52.560	ng	-0.02
7) Phenol-d6	6.487	99	526180	54.837	ng	-0.02
23) Nitrobenzene-d5	7.422	82	337724	37.683	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	133744	44.199	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	712909	45.455	ng	-0.02
79) Terphenyl-d14	12.974	244	639710	32.118	ng	-0.01
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.957	142	46200	2.765	ng	98
46) 1,1'-Biphenyl	9.322	154	52445	2.894	ng	98
52) Acenaphthene	9.933	154	193765	13.755	ng	99
55) Dibenzofuran	10.110	168	201854	10.028	ng	97
58) Fluorene	10.451	166	211143	13.602	ng	100
71) Phenanthrene	11.416	178	899145	42.312	ng	99
72) Anthracene	11.469	178	119918	5.625	ng	99
75) Fluoranthene	12.604	202	448021	19.875	ng	100
78) Pyrene	12.833	202	319010	12.524	ng	98
81) Benzo(a)anthracene	14.021	228	115598	5.982	ng	99
83) Chrysene	14.057	228	85550	4.884	ng	97
88) Benzo(b)fluoranthene	15.074	252	97252m	3.977	ng	
90) Benzo(a)pyrene	15.445	252	72552	3.792	ng	98
92) Benzo(g,h,i)perylene	17.445	276	42699	2.269	ng	98

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

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