Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141568.D
Acq On : 11 Feb 2025 18:01
Operator : RC/JU
Sample : Q1285-01DL 100X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 18:22:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
72-11977DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	73262	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	283534	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	144692	20.000	ng		-0.01
64) Phenanthrene-d10	11.304	188	212403	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	171943	20.000	ng		-0.02
86) Perylene-d12	15.404	264	199200	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	3069	0.657	ng		0.01
7) Phenol-d6	6.439	99	4248	0.719	ng		0.00
23) Nitrobenzene-d5	7.351	82	3235	0.595	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	739	0.508	ng		-0.01
45) 2-Fluorobiphenyl	9.139	172	5631	0.600	ng		-0.01
79) Terphenyl-d14	12.886	244	5948	0.584	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.092	128	624724	42.328	ng		100
37) 2-Methylnaphthalene	8.780	142	276935	28.835	ng		100
38) 1-Methylnaphthalene	8.880	142	225723	24.266	ng		97
46) 1,1'-Biphenyl	9.245	154	90597	8.076	ng		98
49) Acenaphthylene	9.680	152	61292	4.968	ng	#	95
52) Acenaphthene	9.851	154	170769	20.588	ng		99
58) Fluorene	10.369	166	104691	11.121	ng		97
71) Phenanthrene	11.333	178	472019	40.372	ng		99
72) Anthracene	11.380	178	146047	12.426	ng		99
75) Fluoranthene	12.516	202	139667	11.267	ng		100
78) Pyrene	12.745	202	274343	18.743	ng		99
81) Benzo(a)anthracene	13.939	228	90910m	7.954	ng		
83) Chrysene	13.974	228	65279	6.186	ng		100
87) Indeno(1,2,3-cd)pyrene	16.839	276	26517	2.154	ng		95
88) Benzo(b)fluoranthene	14.992	252	61536m	4.601	ng		
90) Benzo(a)pyrene	15.345	252	82036	7.580	ng		97
92) Benzo(g,h,i)perylene	17.268	276	28978	2.777	ng		98

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

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