Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
Data File : BF133612.D
Acq On : 07 Jun 2023 03:43
Operator : CG\JU
Sample : 03002-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC02

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 04:30:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 14:05:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	123580	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	428179	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	178349	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	257936	20.000	ng		0.01
76) Chrysene-d12	14.039	240	93314	20.000	ng		0.03
86) Perylene-d12	15.509	264	122947	20.000	ng	#	0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	580412	78.362	ng		0.00
7) Phenol-d6	6.463	99	701750	76.964	ng		0.00
23) Nitrobenzene-d5	7.398	82	425973	66.425	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	131258	73.831	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	744573	64.436	ng		0.00
79) Terphenyl-d14	12.963	244	551838	105.146	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.139	128	710016	34.203	ng		99
37) 2-Methylnaphthalene	8.839	142	860131	60.687	ng		96
38) 1-Methylnaphthalene	8.933	142	793805	60.082	ng		99
46) 1,1'-Biphenyl	9.298	154	230020	15.874	ng		98
49) Acenaphthylene	9.739	152	264133	14.739	ng	#	87
52) Acenaphthene	9.916	154	1071253	98.681	ng		98
55) Dibenzofuran	10.086	168	1283688	79.481	ng		96
58) Fluorene	10.439	166	1896287	160.255	ng		97
71) Phenanthrene	11.433	178	7431010	568.805	ng		98
72) Anthracene	11.474	178	3461473m	257.443	ng		
73) Carbazole	11.604	167	872851	68.644	ng		99
75) Fluoranthene	12.627	202	7379131	511.358	ng		95
78) Pyrene	12.857	202	5999058	755.491	ng		95
81) Benzo(a)anthracene	14.033	228	3281185	527.838	ng		97
83) Chrysene	14.074	228	2605037m	415.118	ng		
87) Indeno(1,2,3-cd)pyrene	17.003	276	1088550	138.996	ng		94
88) Benzo(b)fluoranthene	15.098	252	3049007m	380.842	ng		
89) Benzo(k)fluoranthene	15.115	252	855829m	109.632	ng		
90) Benzo(a)pyrene	15.468	252	2246430	308.366	ng		94
91) Dibenzo(a,h)anthracene	17.009	278	289801	45.641	ng	#	90
92) Benzo(g,h,i)perylene	17.450	276	992939	155.086	ng		99

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

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