Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136299.D
Acq On : 29 Nov 2023 23:30
Operator : CG\JU
Sample : 05253-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L-3(195FT)(0-5)DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 30 00:31:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	123526	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	467194	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	193812	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	304790	20.000	ng		0.00
76) Chrysene-d12	13.986	240	279844	20.000	ng		0.00
86) Perylene-d12	15.468	264	237308	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	143535	16.173	ng		-0.01
7) Phenol-d6	6.428	99	174777	15.750	ng		-0.02
23) Nitrobenzene-d5	7.357	82	101822	11.517	ng		-0.02
42) 2,4,6-Tribromophenol	10.628	330	31303	13.211	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	199097	13.121	ng		-0.01
79) Terphenyl-d14	12.927	244	192406	7.931	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.110	128	2886350	109.915	ng		99
37) 2-Methylnaphthalene	8.798	142	917297	55.686	ng		100
38) 1-Methylnaphthalene	8.892	142	595024	37.029	ng		94
46) 1,1'-Biphenyl	9.257	154	172191	10.075	ng		96
49) Acenaphthylene	9.698	152	130017	6.864	ng	#	93
52) Acenaphthene	9.869	154	307420	25.683	ng		95
55) Dibenzofuran	10.039	168	37788	2.122	ng	#	79
58) Fluorene	10.386	166	233771	16.732	ng		97
71) Phenanthrene	11.357	178	1164693	67.989	ng		100
72) Anthracene	11.404	178	288570	16.798	ng		97
75) Fluoranthene	12.551	202	492234	28.305	ng		96
78) Pyrene	12.780	202	883313	28.821	ng		98
81) Benzo(a)anthracene	13.974	228	348465m	16.764	ng		
83) Chrysene	14.010	228	301156	15.006	ng		96
87) Indeno(1,2,3-cd)pyrene	16.962	276	66476	6.218	ng		98
88) Benzo(b)fluoranthene	15.033	252	222481m	13.363	ng		
89) Benzo(k)fluoranthene	15.057	252	56330m	3.562	ng		
90) Benzo(a)pyrene	15.404	252	218090	16.024	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	22583	4.210	ng		93
92) Benzo(g,h,i)perylene	17.415	276	71413	6.702	ng		96

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

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