Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135989.D
Acq On : 27 Oct 2023 17:32
Operator : CG\JU
Sample : 04693-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 27 22:33:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S-1(0-5)DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	165714	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	646979	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	325601	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	535616	20.000	ng	0.00
76) Chrysene-d12	14.010	240	320198	20.000	ng	0.00
86) Perylene-d12	15.498	264	365753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	215476	20.079	ng	-0.01
7) Phenol-d6	6.445	99	266837	19.972	ng	-0.01
23) Nitrobenzene-d5	7.381	82	143046	22.422	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	48881	17.151	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	284511	13.992	ng	0.00
79) Terphenyl-d14	12.951	244	211945	11.059	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.122	128	103891	3.321	ng	99
49) Acenaphthylene	9.722	152	88078	3.059	ng	97
58) Fluorene	10.410	166	64011	3.210	ng	98
71) Phenanthrene	11.374	178	636896	23.503	ng	99
72) Anthracene	11.427	178	160238	5.775	ng	99
75) Fluoranthene	12.574	202	621857	21.813	ng	100
78) Pyrene	12.804	202	707170	26.303	ng	98
81) Benzo(a)anthracene	13.998	228	340149m	15.623	ng	
83) Chrysene	14.033	228	325433	15.347	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	124954	6.025	ng	95
88) Benzo(b)fluoranthene	15.057	252	399478m	18.353	ng	
89) Benzo(k)fluoranthene	15.086	252	137636m	6.438	ng	
90) Benzo(a)pyrene	15.427	252	325095	16.205	ng	100
92) Benzo(g,h,i)perylene	17.450	276	110302	8.798	ng	96

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

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