Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136082.D
Acq On : 01 Nov 2023 17:58
Operator : CG\JU
Sample : 04858-01DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 01 22:41:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/02/2023
Supervised By :mohammad ahmed
11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	132002	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	499601	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	242542	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	371160	20.000	ng	0.00
76) Chrysene-d12	14.010	240	271004	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	259137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	160995	19.166	ng	-0.01
7) Phenol-d6	6.445	99	203272	19.422	ng	-0.01
23) Nitrobenzene-d5	7.375	82	111986	13.512	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	41871	16.174	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	221443	14.554	ng	0.00
79) Terphenyl-d14	12.951	244	171350	9.826	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.122	128	189330	7.859	ng	99
37) 2-Methylnaphthalene	8.816	142	61009	3.777	ng	98
38) 1-Methylnaphthalene	8.916	142	41328	2.749	ng	99
52) Acenaphthene	9.892	154	63490	4.697	ng	99
55) Dibenzofuran	10.063	168	73195	3.713	ng	97
58) Fluorene	10.410	166	97585	6.612	ng	98
71) Phenanthrene	11.380	178	560456	29.990	ng	98
72) Anthracene	11.427	178	166505	8.695	ng	99
73) Carbazole	11.586	167	44583	2.679	ng	99
75) Fluoranthene	12.574	202	490911	25.570	ng	99
78) Pyrene	12.804	202	399956	16.739	ng	99
81) Benzo(a)anthracene	13.998	228	221280	12.334	ng	98
83) Chrysene	14.039	228	186977	10.582	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	60717	3.585	ng	97
88) Benzo(b)fluoranthene	15.063	252	203717m	13.286	ng	
89) Benzo(k)fluoranthene	15.092	252	77849m	5.131	ng	
90) Benzo(a)pyrene	15.433	252	139202	9.770	ng	97
92) Benzo(g,h,i)perylene	17.462	276	52116	5.996	ng	98

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

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