Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135218.D
Acq On : 13 Sep 2023 11:23
Operator : CG\JU
Sample : 04299-08 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 13 12:10:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	103061	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	296564	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	141857	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	209846	20.000	ng	0.00
76) Chrysene-d12	13.974	240	146927	20.000	ng	0.03
86) Perylene-d12	15.439	264	160130	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	72862	11.499	ng	0.00
7) Phenol-d6	6.398	99	92592	11.492	ng	0.00
23) Nitrobenzene-d5	7.328	82	51714	9.474	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	11843	8.401	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	94769	10.079	ng	0.00
79) Terphenyl-d14	12.904	244	74258	7.835	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.098	128	8143522	565.163	ng	97
37) 2-Methylnaphthalene	8.786	142	3616680	373.401	ng	100
38) 1-Methylnaphthalene	8.886	142	2894260	319.166	ng	97
46) 1,1'-Biphenyl	9.227	154	667177	61.200	ng	98
49) Acenaphthylene	9.675	152	964966	73.408	ng	# 93
52) Acenaphthene	9.845	154	1015263	130.740	ng	98
55) Dibenzofuran	10.010	168	251452	21.219	ng	# 61
58) Fluorene	10.369	166	1575506m	172.945	ng	
71) Phenanthrene	11.351	178	4662012	469.733	ng	97
72) Anthracene	11.386	178	1285928	126.051	ng	99
73) Carbazole	11.539	167	71568	7.706	ng	# 83
75) Fluoranthene	12.545	202	2871461	277.662	ng	97
78) Pyrene	12.786	202	4447508	317.939	ng	96
81) Benzo(a)anthracene	13.968	228	1987521	209.489	ng	# 88
83) Chrysene	14.009	228	1803253	191.170	ng	93
84) Bis(2-ethylhexyl)phtha...	13.945	149	21427	4.240	ng	# 85
87) Indeno(1,2,3-cd)pyrene	16.927	276	481514	45.862	ng	96
88) Benzo(b)fluoranthene	15.015	252	1174537m	135.496	ng	
89) Benzo(k)fluoranthene	15.039	252	381800m	44.588	ng	
90) Benzo(a)pyrene	15.386	252	1236655	149.599	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	158947m	18.502	ng	
92) Benzo(g,h,i)perylene	17.386	276	610740	68.074	ng	98

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

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