Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136555.D
Acq On : 14 Dec 2023 00:29
Operator : CG\JU
Sample : 05592-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW05D-NAPL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 14 01:47:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	87887	20.000	ng		-0.01
21) Naphthalene-d8	8.086	136	291505	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	150762	20.000	ng		-0.01
64) Phenanthrene-d10	11.322	188	220901	20.000	ng		0.00
76) Chrysene-d12	13.974	240	182922	20.000	ng		0.00
86) Perylene-d12	15.457	264	204876	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	8255	1.387	ng		0.00
7) Phenol-d6	6.434	99	9342	1.258	ng		-0.01
23) Nitrobenzene-d5	7.092	82	353	0.065	ng		-0.28
42) 2,4,6-Tribromophenol	10.622	330	1192	0.641	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	14521	1.314	ng		-0.02
79) Terphenyl-d14	12.910	244	12739	0.918	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.128	128	10492813	652.728	ng		95
37) 2-Methylnaphthalene	8.804	142	3286581	321.364	ng		97
38) 1-Methylnaphthalene	8.904	142	2096338	208.892	ng		100
46) 1,1'-Biphenyl	9.251	154	526028	41.005	ng		98
49) Acenaphthylene	9.698	152	1854923	130.415	ng		97
52) Acenaphthene	9.863	154	424010	46.521	ng		96
55) Dibenzofuran	10.033	168	124487	9.349	ng	#	80
58) Fluorene	10.386	166	843403	78.908	ng		99
71) Phenanthrene	11.363	178	2866380	236.077	ng		99
72) Anthracene	11.404	178	856014	69.997	ng		98
73) Carbazole	11.557	167	30329	2.802	ng	#	90
75) Fluoranthene	12.545	202	1052555	82.723	ng		97
78) Pyrene	12.780	202	1573526	87.834	ng		98
81) Benzo(a)anthracene	13.968	228	619880m	48.650	ng		
83) Chrysene	14.004	228	543541	43.358	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	123959	8.709	ng		97
88) Benzo(b)fluoranthene	15.027	252	380474m	27.161	ng		
89) Benzo(k)fluoranthene	15.045	252	132091m	10.006	ng		
90) Benzo(a)pyrene	15.392	252	460254	39.786	ng		98
91) Dibenzo(a,h)anthracene	16.962	278	36645m	3.143	ng		
92) Benzo(g,h,i)perylene	17.404	276	127842	10.682	ng		97

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

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