Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
Data File : BF136290.D
Acq On : 29 Nov 2023 18:43
Operator : CG\JU
Sample : 05503-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
358DL

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

Quant Time: Nov 29 23:48:13 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	124353	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	491874	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	210109	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	292651	20.000	ng		0.00
76) Chrysene-d12	13.980	240	241795	20.000	ng		-0.01
86) Perylene-d12	15.463	264	282248	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	79420	8.889	ng		-0.01
7) Phenol-d6	6.428	99	99530	8.909	ng		-0.02
23) Nitrobenzene-d5	7.357	82	57835	6.213	ng		-0.02
42) 2,4,6-Tribromophenol	10.628	330	18056	7.029	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	117422	7.138	ng		-0.01
79) Terphenyl-d14	12.922	244	95459	4.554	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.104	128	424287	15.346	ng		98
37) 2-Methylnaphthalene	8.792	142	265038	15.282	ng		97
38) 1-Methylnaphthalene	8.892	142	150957	8.923	ng		93
46) 1,1'-Biphenyl	9.257	154	75948	4.099	ng		94
49) Acenaphthylene	9.698	152	45413	2.212	ng	#	93
52) Acenaphthene	9.869	154	357069	27.517	ng		96
55) Dibenzofuran	10.045	168	404232	20.935	ng		97
58) Fluorene	10.386	166	510815	33.726	ng		98
71) Phenanthrene	11.357	178	2000750	121.639	ng		99
72) Anthracene	11.404	178	287542	17.432	ng		98
73) Carbazole	11.557	167	56662	4.039	ng		98
75) Fluoranthene	12.551	202	1337836	80.120	ng		96
78) Pyrene	12.780	202	981452	37.063	ng		98
81) Benzo(a)anthracene	13.974	228	366841	20.426	ng		98
83) Chrysene	14.010	228	268936m	15.509	ng		
87) Indeno(1,2,3-cd)pyrene	16.957	276	32311	4.125	ng		93
88) Benzo(b)fluoranthene	15.027	252	231140m	11.673	ng		
89) Benzo(k)fluoranthene	15.057	252	92141m	4.899	ng		
90) Benzo(a)pyrene	15.398	252	132028	8.156	ng		95
91) Dibenzo(a,h)anthracene	16.974	278	12179	3.392	ng	#	84
92) Benzo(g,h,i)perylene	17.410	276	24297	3.274	ng		96

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

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