Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011922\
Data File : BM033783.D
Acq On : 19 Jan 2022 14:30
Operator : CG/JU
Sample : N1152-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 19 15:29:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
VACLOT-TOPSOIL-01

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	183187	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	711879	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	402526	20.000	ng		-0.01
64) Phenanthrene-d10	17.324	188	759004	20.000	ng		0.00
76) Chrysene-d12	21.489	240	717253	20.000	ng		0.00
86) Perylene-d12	23.894	264	788083	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	968176	88.808	ng		0.00
7) Phenol-d6	7.107	99	1212005	78.913	ng		-0.01
23) Nitrobenzene-d5	9.113	82	835984	57.791	ng		-0.01
42) 2,4,6-Tribromophenol	16.065	330	375966	68.892	ng		-0.01
45) 2-Fluorobiphenyl	13.219	172	1570648	54.894	ng		0.00
79) Terphenyl-d14	19.936	244	1785692	41.286	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.813	128	533450	13.882	ng		99
37) 2-Methylnaphthalene	12.419	142	177191	6.436	ng		97
38) 1-Methylnaphthalene	12.636	142	113349	4.218	ng		99
46) 1,1'-Biphenyl	13.424	154	72367	2.375	ng		96
52) Acenaphthene	14.648	154	335506	13.400	ng		98
55) Dibenzofuran	14.977	168	314896	8.417	ng		97
58) Fluorene	15.630	166	477814	16.203	ng		100
71) Phenanthrene	17.365	178	4008265	94.862	ng		98
72) Anthracene	17.454	178	1194039	28.733	ng		99
73) Carbazole	17.718	167	517753	12.766	ng		100
75) Fluoranthene	19.377	202	5456775	115.335	ng		99
78) Pyrene	19.736	202	4867331	91.853	ng		98
81) Benzo(a)anthracene	21.471	228	2792321	58.820	ng		95
83) Chrysene	21.524	228	2594159	57.209	ng		97
87) Indeno(1,2,3-cd)pyrene	26.412	276	1886294	36.002	ng		97
88) Benzo(b)fluoranthene	23.165	252	3510592	69.780	ng	#	95
89) Benzo(k)fluoranthene	23.206	252	1147094m	22.767	ng		
90) Benzo(a)pyrene	23.794	252	2815411	68.461	ng		98
91) Dibenzo(a,h)anthracene	26.424	278	457347	10.333	ng	#	87
92) Benzo(g,h,i)perylene	27.194	276	1902608	45.175	ng	#	96

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

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