Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011123\
Data File : BM038429.D
Acq On : 11 Jan 2023 12:03
Operator : CG/JU
Sample : N4239-03
Misc : SFAM-SIM-MDL-S-01-0.07NG
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 12 01:16:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 01:15:30 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152	1434	0.400	ng/ul		0.00
4) Naphthalene-d8	10.812	136	3833	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.629	164	2141	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.375	188	4283	0.400	ng/ul		0.00
17) Chrysene-d12	21.545	240	4630	0.400	ng/ul		0.00
23) Perylene-d12	23.974	264	5278	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.368	96	1151	0.538	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.402	152	1762	0.306	ng/ul		0.00
18) Fluoranthene-d10	19.394	212	4335	0.330	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	183m	0.084	ng/ul		
5) Naphthalene	10.862	128	605	0.059	ng/ul	#	65
7) 2-Methylnaphthalene	12.473	142	341	0.054	ng/ul		96
8) 1-Methylnaphthalene	12.688	142	329	0.051	ng/ul		96
10) Acenaphthylene	14.356	152	550	0.055	ng/ul	#	73
11) Acenaphthene	14.694	153	418	0.057	ng/ul	#	91
12) Fluorene	15.684	166	460	0.055	ng/ul	#	86
14) Pentachlorophenol	17.038	266	176	0.115	ng/ul		98
15) Phenanthrene	17.418	178	732	0.058	ng/ul	#	78
16) Anthracene	17.515	178	640	0.055	ng/ul	#	71
19) Fluoranthene	19.422	202	954	0.060	ng/ul	#	74
20) Pyrene	19.789	202	1043	0.061	ng/ul	#	85
21) Benzo(a)anthracene	21.530	228	883	0.057	ng/ul	#	89
22) Chrysene	21.583	228	974	0.060	ng/ul	#	89
24) Benzo(b)fluoranthene	23.231	252	1071	0.056	ng/ul	#	52
25) Benzo(k)fluoranthene	23.281	252	1131	0.059	ng/ul	#	55
26) Benzo(a)pyrene	23.869	252	1079	0.060	ng/ul	#	46
27) Indeno(1,2,3-cd)pyrene	26.519	276	1495	0.057	ng/ul	#	99
28) Dibenzo(a,h)anthracene	26.532	278	1173	0.057	ng/ul	#	48
29) Benzo(g,h,i)perylene	27.300	276	1306	0.056	ng/ul	#	77

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

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