Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
Data File : BN028310.D
Acq On : 17 Oct 2023 16:01
Operator : MA/JU
Sample : 03573-03
Misc : SFDAM-SIM-MDL-SOIL-01
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 16:39:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 16:16:04 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-05

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	1749	0.400	ng/ul		0.00
4) Naphthalene-d8	10.735	136	5956	0.400	ng/ul	#	0.02
9) Acenaphthene-d10	14.550	164	3585	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.316	188	7724	0.400	ng/ul		0.01
17) Chrysene-d12	21.501	240	7667	0.400	ng/ul		0.00
23) Perylene-d12	23.948	264	8517	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.262	96	1033	0.470	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.330	152	3316	0.346	ng/ul		0.03
18) Fluoranthene-d10	19.339	212	9397	0.386	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.300	88	222m	0.095	ng/ul		
5) Naphthalene	10.784	128	1208	0.071	ng/ul	#	68
7) 2-Methylnaphthalene	12.407	142	692	0.065	ng/ul		98
8) 1-Methylnaphthalene	12.605	142	710	0.064	ng/ul		94
10) Acenaphthylene	14.287	152	1144	0.070	ng/ul	#	78
11) Acenaphthene	14.615	153	932	0.072	ng/ul		93
12) Fluorene	15.619	166	1030	0.072	ng/ul	#	92
14) Pentachlorophenol	16.974	266	112	0.068	ng/ul	#	76
15) Phenanthrene	17.358	178	1674	0.073	ng/ul	#	85
16) Anthracene	17.460	178	1362	0.066	ng/ul	#	78
19) Fluoranthene	19.367	202	1992	0.068	ng/ul	#	89
20) Pyrene	19.738	202	2092	0.069	ng/ul	#	91
21) Benzo(a)anthracene	21.489	228	1877	0.067	ng/ul		93
22) Chrysene	21.539	228	2097	0.074	ng/ul		93
24) Benzo(b)fluoranthene	23.196	252	2203	0.070	ng/ul	#	53
25) Benzo(k)fluoranthene	23.243	252	2322	0.074	ng/ul	#	50
26) Benzo(a)pyrene	23.845	252	2097	0.078	ng/ul	#	40
27) Indeno(1,2,3-cd)pyrene	26.525	276	2788	0.086	ng/ul	#	48
28) Dibenzo(a,h)anthracene	26.549	278	2233	0.084	ng/ul	#	52
29) Benzo(g,h,i)perylene	27.334	276	2460	0.092	ng/ul	#	81

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

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