Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
Data File : BN028308.D
Acq On : 17 Oct 2023 14:48
Operator : MA/JU
Sample : 02215-03
Misc : SFDAM-SIM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 15:18:52 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-QT2-2023-03

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	7.895	152	2498	0.400	ng/ul		0.00
4) Naphthalene-d8	10.729	136	8420	0.400	ng/ul	#	0.02
9) Acenaphthene-d10	14.546	164	4937	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.312	188	10426	0.400	ng/ul		0.00
17) Chrysene-d12	21.501	240	9796	0.400	ng/ul		0.00
23) Perylene-d12	23.954	264	10270	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.258	96	1327	0.423	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.319	152	4707	0.347	ng/ul		0.02
18) Fluoranthene-d10	19.339	212	12498	0.402	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.296	88	302m	0.091	ng/ul		
5) Naphthalene	10.779	128	1647	0.069	ng/ul	#	75
7) 2-Methylnaphthalene	12.396	142	975	0.065	ng/ul		99
8) 1-Methylnaphthalene	12.605	142	1024	0.066	ng/ul		98
10) Acenaphthylene	14.277	152	1526	0.068	ng/ul	#	84
11) Acenaphthene	14.610	153	1273	0.071	ng/ul		96
12) Fluorene	15.614	166	1404	0.071	ng/ul	#	94
14) Pentachlorophenol	16.970	266	143	0.064	ng/ul		88
15) Phenanthrene	17.354	178	2264	0.073	ng/ul	#	88
16) Anthracene	17.456	178	1861	0.067	ng/ul	#	83
19) Fluoranthene	19.367	202	2668	0.071	ng/ul	#	91
20) Pyrene	19.738	202	2769	0.071	ng/ul	#	93
21) Benzo(a)anthracene	21.487	228	2378	0.066	ng/ul		93
22) Chrysene	21.542	228	2713	0.075	ng/ul		95
24) Benzo(b)fluoranthene	23.196	252	2799	0.074	ng/ul	#	63
25) Benzo(k)fluoranthene	23.246	252	2837	0.075	ng/ul	#	60
26) Benzo(a)pyrene	23.845	252	2510	0.077	ng/ul	#	48
27) Indeno(1,2,3-cd)pyrene	26.536	276	3052	0.078	ng/ul	#	99
28) Dibenzo(a,h)anthracene	26.552	278	2403	0.075	ng/ul	#	63
29) Benzo(g,h,i)perylene	27.344	276	2662	0.083	ng/ul	#	82

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

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