Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030422\
Data File : BM034132.D
Acq On : 04 Mar 2022 11:43
Operator : CG/JU
Sample : N1331-03
Misc : SFAM-SIM-MDL-SOIL01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 04 12:15:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 14:59:52 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2022-01

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :mohammad ahmed 03/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	2778	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.812	136	7301	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	4803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	11112	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	9152	0.400	ng/ul	# 0.00
23) Perylene-d12	23.985	264	8780	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	1933	0.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	3486	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	9186	0.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	193	0.062	ng/ul#	58
5) Naphthalene	10.861	128	1273	0.063	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	871	0.061	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	858	0.061	ng/ul	98
10) Acenaphthylene	14.356	152	1278	0.063	ng/ul	98
11) Acenaphthene	14.694	153	1036	0.063	ng/ul	95
12) Fluorene	15.679	166	1202	0.061	ng/ul	97
14) Pentachlorophenol	17.029	266	294	0.083	ng/ul	98
15) Phenanthrene	17.413	178	2079	0.062	ng/ul	99
16) Anthracene	17.506	178	1779	0.058	ng/ul	97
19) Fluoranthene	19.422	202	2453	0.065	ng/ul	96
20) Pyrene	19.784	202	2474	0.066	ng/ul	97
21) Benzo(a)anthracene	21.527	228	1988	0.062	ng/ul	99
22) Chrysene	21.580	228	2230	0.066	ng/ul	98
24) Benzo(b)fluoranthene	23.243	252	2392m	0.067	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	2354	0.065	ng/ul#	76
26) Benzo(a)pyrene	23.877	252	2009	0.067	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.539	276	2640	0.063	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.569	278	2151	0.062	ng/ul#	70
29) Benzo(g,h,i)perylene	27.327	276	2270	0.061	ng/ul	94

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

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