Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011321\
Data File : BN013402.D
Acq On : 13 Jan 2021 14:15
Operator : CG/JU
Sample : L5214-03
Misc : SFAM-SIM-MDL-S-01
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2021-01

Quant Time: Jan 13 14:49:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN010621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 13 14:48:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4554	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	16568	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	8254	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	17107	0.40	ng/ul	0.00
19) Chrysene-d12	21.16	240	14758	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	15187	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	2507	0.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	7209	0.29	ng/ul	0.00
17) Fluoranthene-d10	19.00	212	12482	0.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	270	0.056	ng/ul#	75
5) Naphthalene	10.40	128	2811	0.060	ng/ul	94
7) 2-Methylnaphthalene	12.03	142	1786	0.058	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	1723	0.058	ng/ul	99
10) Acenaphthylene	13.94	152	1971	0.055	ng/ul#	95
11) Acenaphthene	14.29	153	1799	0.060	ng/ul	96
12) Fluorene	15.28	166	1919	0.056	ng/ul#	99
14) Pentachlorophenol	16.62	266	231	0.067	ng/ul	97
15) Phenanthrene	17.01	178	3469	0.064	ng/ul	95
16) Anthracene	17.10	178	2643	0.055	ng/ul#	89
18) Fluoranthene	19.03	202	4216	0.067	ng/ul#	95
20) Pyrene	19.39	202	4200	0.071	ng/ul#	94
21) Benzo(a)anthracene	21.14	228	3523	0.065	ng/ul	98
22) Chrysene	21.19	228	4343	0.073	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	4326	0.071	ng/ul	75
25) Benzo(k)fluoranthene	22.73	252	4913	0.082	ng/ul#	22
26) Benzo(a)pyrene	23.23	252	3605	0.069	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.49	276	5100	0.077	ng/ul#	61
28) Dibenzo(a,h)anthracene	25.51	278	4073	0.073	ng/ul#	84
29) Benzo(g,h,i)perylene	26.14	276	4033	0.069	ng/ul#	89

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

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