Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
Data File : BM027714.D
Acq On : 05 Nov 2020 12:24
Operator : JU/CG
Sample : L4485-01
Misc : SFAM-SIM-MDL-S-01
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-01

Quant Time: Nov 05 13:49:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 04:58:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	382	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	1300	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	822	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	1840	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	1558	0.40	ng/ul	0.00
23) Perylene-d12	24.27	264	1347	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	248	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	636	0.29	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	1467	0.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	47	0.111	ng/ul#	88
5) Naphthalene	11.29	128	280	0.076	ng/ul#	64
7) 2-Methylnaphthalene	12.87	142	190	0.075	ng/ul	99
8) 1-Methylnaphthalene	13.09	142	166	0.069	ng/ul	97
10) Acenaphthylene	14.73	152	250	0.068	ng/ul#	63
11) Acenaphthene	15.07	153	195	0.070	ng/ul#	90
12) Fluorene	16.04	166	233	0.071	ng/ul#	91
14) Pentachlorophenol	17.37	266	53	0.087	ng/ul	96
15) Phenanthrene	17.76	178	371	0.069	ng/ul#	77
16) Anthracene	17.85	178	359	0.068	ng/ul#	77
18) Fluoranthene	19.74	202	461	0.074	ng/ul#	72
20) Pyrene	20.09	202	456	0.075	ng/ul#	74
21) Benzo(a)anthracene	21.80	228	434	0.076	ng/ul#	84
22) Chrysene	21.86	228	456	0.078	ng/ul#	88
24) Benzo(b)fluoranthene	23.52	252	425	0.078	ng/ul#	65
25) Benzo(k)fluoranthene	23.57	252	412	0.076	ng/ul#	60
26) Benzo(a)pyrene	24.16	252	381	0.078	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.80	276	421	0.073	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.81	278	345	0.072	ng/ul#	53
29) Benzo(g,h,i)perylene	27.58	276	339	0.070	ng/ul#	61

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

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