Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
Data File : BM027715.D
Acq On : 05 Nov 2020 13:00
Operator : JU/CG
Sample : L4485-02
Misc : SFAM-SIM-MDL-S-02
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-02

Quant Time: Nov 05 13:57:26 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	359	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	1226	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	778	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	1735	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	1456	0.40	ng/ul	0.00
23) Perylene-d12	24.27	264	1242	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	195	0.53	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	600	0.29	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	1312	0.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	35	0.088	ng/ul#	89
5) Naphthalene	11.29	128	206	0.059	ng/ul#	46
7) 2-Methylnaphthalene	12.87	142	144	0.060	ng/ul	100
8) 1-Methylnaphthalene	13.09	142	138	0.061	ng/ul	99
10) Acenaphthylene	14.74	152	198	0.057	ng/ul#	60
11) Acenaphthene	15.07	153	151	0.057	ng/ul#	90
12) Fluorene	16.04	166	177	0.057	ng/ul#	89
14) Pentachlorophenol	17.36	266	37	0.065	ng/ul	93
15) Phenanthrene	17.76	178	281	0.055	ng/ul#	70
16) Anthracene	17.85	178	280	0.056	ng/ul#	71
18) Fluoranthene	19.74	202	360	0.061	ng/ul#	66
20) Pyrene	20.09	202	361	0.064	ng/ul#	68
21) Benzo(a)anthracene	21.80	228	353	0.066	ng/ul#	82
22) Chrysene	21.86	228	356	0.065	ng/ul#	84
24) Benzo(b)fluoranthene	23.52	252	327	0.065	ng/ul#	51
25) Benzo(k)fluoranthene	23.57	252	316	0.064	ng/ul#	52
26) Benzo(a)pyrene	24.16	252	299	0.066	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	26.80	276	321	0.060	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.81	278	273	0.062	ng/ul#	47
29) Benzo(g,h,i)perylene	27.58	276	273	0.061	ng/ul#	57

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

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