Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
Data File : BM027716.D
Acq On : 05 Nov 2020 13:37
Operator : JU/CG
Sample : L4485-03
Misc : SFAM-SIM-MDL-S-03
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-03

Quant Time: Nov 05 14:19:08 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	276	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	926	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	556	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	1242	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	1142	0.40	ng/ul	0.00
23) Perylene-d12	24.27	264	1039	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	173	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	482	0.31	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	1092	0.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	34	0.112	ng/ul#	84
5) Naphthalene	11.29	128	181	0.069	ng/ul#	49
7) 2-Methylnaphthalene	12.87	142	127	0.070	ng/ul	97
8) 1-Methylnaphthalene	13.09	142	118	0.069	ng/ul	97
10) Acenaphthylene	14.73	152	166	0.067	ng/ul#	58
11) Acenaphthene	15.07	153	132	0.070	ng/ul#	85
12) Fluorene	16.04	166	156	0.070	ng/ul#	89
14) Pentachlorophenol	17.37	266	33	0.081	ng/ul#	86
15) Phenanthrene	17.76	178	259	0.071	ng/ul#	72
16) Anthracene	17.85	178	248	0.070	ng/ul#	63
18) Fluoranthene	19.74	202	324	0.077	ng/ul#	64
20) Pyrene	20.09	202	325	0.073	ng/ul#	67
21) Benzo(a)anthracene	21.80	228	331	0.079	ng/ul#	78
22) Chrysene	21.86	228	338	0.079	ng/ul#	83
24) Benzo(b)fluoranthene	23.52	252	325	0.078	ng/ul#	51
25) Benzo(k)fluoranthene	23.57	252	344	0.083	ng/ul#	56
26) Benzo(a)pyrene	24.16	252	272	0.072	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.80	276	336	0.076	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.81	278	277	0.075	ng/ul#	40
29) Benzo(g,h,i)perylene	27.59	276	287	0.077	ng/ul#	54

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

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