Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110620\
Data File : BM027730.D
Acq On : 06 Nov 2020 11:28
Operator : JU/CG
Sample : L4458-04
Misc : SFAM-SIM-MDL-S-02
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-04

Quant Time: Nov 06 12:01:33 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 : Fri Nov 06 11:00:57 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.400	152	303	0.40	ng/ul	0.00
4) Naphthalene-d8	11.238	136	995	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.009	164	599	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.721	188	1347	0.40	ng/ul	0.00
19) Chrysene-d12	21.820	240	1203	0.40	ng/ul	0.00
23) Perylene-d12	24.269	264	1090	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.542	96	169	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.799	152	434	0.26	ng/ul	0.00
17) Fluoranthene-d10	19.706	212	967	0.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	26	0.08	ng/ul#	85
5) Naphthalene	11.287	128	176	0.06	ng/ul#	44
7) 2-Methylnaphthalene	12.871	142	115	0.06	ng/ul	95
8) 1-Methylnaphthalene	13.086	142	108	0.06	ng/ul	96
10) Acenaphthylene	14.736	152	156	0.06	ng/ul#	51
11) Acenaphthene	15.069	153	123	0.06	ng/ul#	85
12) Fluorene	16.040	166	138	0.06	ng/ul#	87
14) Pentachlorophenol	17.364	266	27	0.06	ng/ul	89
15) Phenanthrene	17.763	178	230	0.06	ng/ul#	67
16) Anthracene	17.853	178	222	0.06	ng/ul#	64
18) Fluoranthene	19.733	202	284	0.06	ng/ul#	54
20) Pyrene	20.091	202	303	0.06	ng/ul#	64
21) Benzo(a)anthracene	21.800	228	293	0.07	ng/ul#	78
22) Chrysene	21.856	228	302	0.07	ng/ul#	83
24) Benzo(b)fluoranthene	23.520	252	298	0.07	ng/ul#	47
25) Benzo(k)fluoranthene	23.571	252	288	0.07	ng/ul#	53
26) Benzo(a)pyrene	24.160	252	271	0.07	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	26.801	276	300	0.06	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.813	278	261	0.07	ng/ul#	41
29) Benzo(g,h,i)perylene	27.576	276	264	0.07	ng/ul#	53

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

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