Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111020\
Data File : BN012535.D
Acq On : 10 Nov 2020 17:16
Operator : CG/JU
Sample : L4485-01
Misc : MDL-S-01
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-01

Quant Time: Nov 10 17:50:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 14:27:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	810	0.40	ng/ul	0.00
4) Naphthalene-d8	10.24	136	3045	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.12	164	1658	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.88	188	3131	0.40	ng/ul	0.00
19) Chrysene-d12	21.08	240	2754	0.40	ng/ul	0.00
23) Perylene-d12	23.20	264	2896	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	646	0.59	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.86	152	1137	0.26	ng/ul	0.02
17) Fluoranthene-d10	18.91	212	2258	0.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	83	0.075	ng/ul#	85
5) Naphthalene	10.29	128	573	0.067	ng/ul#	60
7) 2-Methylnaphthalene	11.92	142	347	0.063	ng/ul	95
8) 1-Methylnaphthalene	12.14	142	336	0.063	ng/ul	97
10) Acenaphthylene	13.84	152	458	0.063	ng/ul#	70
11) Acenaphthene	14.19	153	407	0.065	ng/ul#	93
12) Fluorene	15.19	166	408	0.058	ng/ul#	91
14) Pentachlorophenol	16.54	266	40	0.047	ng/ul#	82
15) Phenanthrene	16.92	178	653	0.063	ng/ul#	72
16) Anthracene	17.02	178	477	0.056	ng/ul#	60
18) Fluoranthene	18.94	202	838	0.073	ng/ul#	82
20) Pyrene	19.31	202	876	0.067	ng/ul#	83
21) Benzo(a)anthracene	21.07	228	687	0.068	ng/ul#	92
22) Chrysene	21.12	228	902	0.075	ng/ul#	88
24) Benzo(b)fluoranthene	22.58	252	845	0.068	ng/ul#	48
25) Benzo(k)fluoranthene	22.62	252	993	0.070	ng/ul#	47
26) Benzo(a)pyrene	23.11	252	883	0.076	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	25.30	276	1032	0.067	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.32	278	803	0.065	ng/ul#	31
29) Benzo(g,h,i)perylene	25.93	276	940	0.066	ng/ul#	78

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

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