

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010423\
 Data File : BN023549.D
 Acq On : 04 Jan 2023 11:46
 Operator : CG/JU
 Sample : N5388-04
 Misc : SFAM-SIM-MDL-S-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT4-2022-08

Quant Time: Jan 05 04:56:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:28:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	5425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	16260	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	8481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	18726	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	15374	0.400	ng/ul	0.00
23) Perylene-d12	23.963	264	13590	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	3434	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	8349	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	18160	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	533m	0.085	ng/ul	
5) Naphthalene	10.815	128	2906	0.062	ng/ul	95
7) 2-Methylnaphthalene	12.432	142	1808	0.060	ng/ul	100
8) 1-Methylnaphthalene	12.652	142	1778	0.058	ng/ul	100
10) Acenaphthylene	14.326	152	2041	0.059	ng/ul#	92
11) Acenaphthene	14.668	153	1959	0.064	ng/ul	98
12) Fluorene	15.654	166	2134	0.061	ng/ul	97
14) Pentachlorophenol	17.002	266	341	0.056	ng/ul	97
15) Phenanthrene	17.394	178	3658	0.062	ng/ul#	93
16) Anthracene	17.483	178	2846	0.057	ng/ul#	90
19) Fluoranthene	19.411	202	4088	0.070	ng/ul	98
20) Pyrene	19.773	202	4165	0.068	ng/ul#	94
21) Benzo(a)anthracene	21.522	228	3596	0.063	ng/ul	97
22) Chrysene	21.578	228	3810	0.067	ng/ul	99
24) Benzo(b)fluoranthene	23.223	252	4241m	0.067	ng/ul	
25) Benzo(k)fluoranthene	23.270	252	3757	0.063	ng/ul#	66
26) Benzo(a)pyrene	23.855	252	3617	0.069	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.486	276	4255	0.066	ng/ul#	66
28) Dibenzo(a,h)anthracene	26.510	278	3356	0.065	ng/ul#	77
29) Benzo(g,h,i)perylene	27.268	276	3339	0.064	ng/ul#	88

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

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