

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016594.D
 Acq On : 05 Dec 2023 14:23
 Operator : SY/MD
 Sample : 05600-01
 Misc : 3.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-1

Quant Time: Dec 06 02:24:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	145465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	237744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	224554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	97061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86582	64.398	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.800%		
35) Dibromofluoromethane	7.740	113	73021	51.037	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.080%		
50) Toluene-d8	10.197	98	275116	50.836	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.680%		
62) 4-Bromofluorobenzene	12.501	95	94659	53.188	ug/l	0.01
Spiked Amount	50.000	Range 30 - 143	Recovery	= 106.380%		
Target Compounds						
						Qvalue
10) Methyl Iodide	4.119	142	2642	1.757	ug/l #	94
16) Acetone	3.966	43	65926	216.688	ug/l	94
18) Methyl Acetate	4.509	43	1456	1.207	ug/l #	85
20) Methylene Chloride	4.740	84	13292	7.014	ug/l #	80
25) 2-Butanone	7.014	43	7704	18.415	ug/l	90
52) Toluene	10.264	92	11691	3.043	ug/l	99

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

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