

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013924.D
 Acq On : 30 May 2023 17:06
 Operator : KP/MD
 Sample : 02852-10
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-50.5-051823-FD

Quant Time: May 31 03:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1027	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	944	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	808	68.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.020%
35) Dibromofluoromethane	7.710	113	503	51.581	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.160%
50) Toluene-d8	10.179	98	1460	39.392	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.780%
62) 4-Bromofluorobenzene	12.483	95	211	17.127	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.260%

Target Compounds						Qvalue
3) Chloromethane	2.095	50	19	1.658	ug/l	# 43
12) 1,1-Dichloroethene	3.607	96	24	2.389	ug/l	# 1
13) Acrolein	3.790	56	20	14.608	ug/l	# 15
14) Allyl chloride	4.625	41	23	1.254	ug/l	# 1
15) Acrylonitrile	5.436	53	28	9.026	ug/l	# 17
16) Acetone	3.954	43	24	6.806	ug/l	# 46
18) Methyl Acetate	4.479	43	25	2.043	ug/l	# 54
23) Vinyl Acetate	5.917	43	38	1.842	ug/l	# 74
25) 2-Butanone	7.259	43	48	11.155	ug/l	# 49
26) 2,2-Dichloropropane	6.807	77	19	1.020	ug/l	# 53
37) Ethyl Acetate	7.259	43	48	5.298	ug/l	# 71
41) Methacrylonitrile	7.131	41	19	3.844	ug/l	# 20
48) Methyl methacrylate	9.203	41	20	2.580	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.093	43	40	4.546	ug/l	# 38
74) N-amyl acetate	12.044	43	19	19.746	ug/l	# 47
76) 1,2,3-Trichloropropane	12.477	75	61	120.309	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	61	261.153	ug/l	# 10
92) 1,2-Dibromo-3-Chloropr...	14.331	75	20	172.304	ug/l	# 2

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

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