

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059442.D
 Acq On : 5 Jul 2018 18:59
 Operator : VA/AP
 Sample : J3854-01
 Misc : 2.11g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S4

Quant Time: Jul 06 02:06:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.92	168	64	50.00	ug/l	-0.11
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.91
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	85	102.80	ug/l	-0.15
Spiked Amount			Recovery	=		205.60%
35) Dibromofluoromethane	4.25	113	60	0.00	ug/l	-0.03
Spiked Amount			Recovery	=		0.00%
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount			Recovery	=		0.00%
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount			Recovery	=		0.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.88	85	66	112.872	ug/l #	40
3) Chloromethane	0.98	50	85	216.379	ug/l #	41
4) Vinyl Chloride	1.14	62	63	162.929	ug/l #	42
5) Bromomethane	1.37	94	205	573.055	ug/l #	4
8) Diethyl Ether	1.64	74	64	326.439	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.74	101	81	181.481	ug/l #	18
11) Tert butyl alcohol	2.66	59	178	3233.555	ug/l #	66
12) 1,1-Dichloroethene	1.78	96	124	328.634	ug/l #	1
13) Acrolein	2.03	56	96	3943.002	ug/l #	10
14) Allyl chloride	2.11	41	66	93.182	ug/l #	37
15) Acrylonitrile	2.93	53	60	618.951	ug/l #	9
16) Acetone	2.23	43	203	1014.187	ug/l #	65
17) Carbon Disulfide	1.79	76	61	68.727	ug/l #	71
18) Methyl Acetate	2.41	43	727	1993.195	ug/l #	61
19) Methyl tert-butyl Ether	2.40	73	92	65.369	ug/l #	63
20) Methylene Chloride	2.07	84	85	206.419	ug/l #	1
21) trans-1,2-Dichloroethene	2.36	96	62	154.037	ug/l #	1
22) Diisopropyl ether	2.79	45	83	52.918	ug/l #	37
23) Vinyl Acetate	3.23	43	63	63.070	ug/l #	79
24) 1,1-Dichloroethane	2.97	63	139	142.936	ug/l #	90
25) 2-Butanone	4.40	43	61	243.798	ug/l #	59
26) 2,2-Dichloropropane	3.70	77	157	234.073	ug/l #	62
29) Tetrahydrofuran	4.13	42	94	907.141	ug/l #	36
31) Cyclohexane	3.73	56	74	116.160	ug/l #	4
32) 1,1,1-Trichloroethane	4.29	97	63	61.152	ug/l #	21

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

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