

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060005.D
 Acq On : 20 Aug 2018 16:37
 Operator : VA/AP
 Sample : J4277-05
 Misc : 11.20g/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-081718-A

Quant Time: Aug 21 04:26:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	451	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	295	50.00	ug/l	-0.01
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
35) Dibromofluoromethane	4.28	113	69	22.89	ug/l	-0.03
Spiked Amount						
			Recovery	=	45.78%	
50) Toluene-d8	7.71	98	344	51.31	ug/l	-0.01
Spiked Amount						
			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.52	95	82	19.93	ug/l	0.00
Spiked Amount						
			Recovery	=	39.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.89	85	66	8.63	ug/l #	43
3) Chloromethane	1.10	50	267	75.98	ug/l #	45
5) Bromomethane	1.44	94	67	15.86	ug/l #	3
6) Chloroethane	1.42	64	355	149.68	ug/l #	44
14) Allyl chloride	2.23	41	72	10.01	ug/l #	70
15) Acrylonitrile	3.06	53	76	92.64	ug/l #	11
16) Acetone	2.34	43	79	22.65	ug/l #	64
17) Carbon Disulfide	1.89	76	66	4.90	ug/l #	75
18) Methyl Acetate	2.34	43	79	15.67	ug/l #	63
22) Diisopropyl ether	2.92	45	61	3.97	ug/l #	37
23) Vinyl Acetate	3.33	43	107	17.28	ug/l #	84
24) 1,1-Dichloroethane	3.08	63	60	5.95	ug/l #	90
25) 2-Butanone	4.52	43	94	44.67	ug/l #	63
28) Bromochloromethane	3.77	49	62	21.42	ug/l #	8
29) Tetrahydrofuran	4.35	42	111	147.79	ug/l #	38
30) Chloroform	4.01	83	73	6.26	ug/l #	20
37) Ethyl Acetate	4.27	43	235	126.54	ug/l #	1
41) Methacrylonitrile	4.89	41	134	150.70	ug/l #	19
43) Isopropyl Acetate	7.18	43	78	38.16	ug/l #	58
45) 1,2-Dichloropropane	6.43	63	61	37.49	ug/l #	43
48) Methyl methacrylate	6.93	41	73	47.98	ug/l #	14
51) 4-Methyl-2-Pentanone	8.52	43	61	31.95	ug/l #	43
54) cis-1,3-Dichloropropene	7.54	75	64	18.14	ug/l #	18
59) 2-Hexanone	9.69	43	78	49.47	ug/l #	35

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

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