

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059739.D
 Acq On : 1 Aug 2018 6:54
 Operator : VA/AP
 Sample : J4140-01RE
 Misc : 23.17g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(75-77)RE

Quant Time: Aug 01 07:39:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	69	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	9.86	117	77	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.72	152	82	50.00	ug/l	0.09

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	62	83.682	ug/l #	44
3) Chloromethane	1.09	50	221	606.317	ug/l #	38
4) Vinyl Chloride	1.16	62	74	182.661	ug/l #	47
5) Bromomethane	1.35	94	69	209.841	ug/l #	4
6) Chloroethane	1.43	64	76	315.001	ug/l #	35
9) 1,1,2-Trichlorotrifluoroet	1.81	101	70	103.723	ug/l #	22
11) Tert butyl alcohol	2.66	59	87	1748.739	ug/l #	74
12) 1,1-Dichloroethene	1.80	96	64	119.773	ug/l #	1
13) Acrolein	2.24	56	66	2374.209	ug/l #	4
14) Allyl chloride	2.10	41	187	219.189	ug/l #	1
15) Acrylonitrile	3.01	53	61	761.195	ug/l #	7
16) Acetone	2.31	43	220	986.315	ug/l #	68
18) Methyl Acetate	2.44	43	146	462.674	ug/l #	64
19) Methyl tert-butyl Ether	2.60	73	63	38.662	ug/l #	60
20) Methylene Chloride	2.42	84	67	152.279	ug/l #	6
21) trans-1,2-Dichloroethene	2.28	96	94	209.054	ug/l #	1
22) Diisopropyl ether	2.90	45	95	52.656	ug/l #	41
23) Vinyl Acetate	3.32	43	140	150.933	ug/l #	83
24) 1,1-Dichloroethane	3.00	63	77	61.431	ug/l #	91
25) 2-Butanone	4.41	43	70	281.208	ug/l #	74
26) 2,2-Dichloropropane	3.69	77	170	190.256	ug/l #	66
27) cis-1,2-Dichloroethene	3.70	96	82	122.166	ug/l #	1
28) Bromochloromethane	4.00	49	63	153.800	ug/l #	15
29) Tetrahydrofuran	4.20	42	91	951.157	ug/l #	39
31) Cyclohexane	3.87	56	134	235.903	ug/l #	15
32) 1,1,1-Trichloroethane	4.21	97	60	43.725	ug/l #	22
67) Ethyl Benzene	9.88	91	69	25.891	ug/l #	46
71) Bromoform	10.90	173	68	145.116	ug/l #	30
73) Isopropylbenzene	11.23	105	69	12.824	ug/l #	50
74) N-amyl acetate	11.41	43	64	47.148	ug/l #	48
76) 1,2,3-Trichloropropane	11.93	75	72	83.602	ug/l #	39
77) Bromobenzene	11.56	156	96	68.328	ug/l #	1
78) n-propylbenzene	11.64	91	63	7.127	ug/l #	54
79) 2-Chlorotoluene	11.91	91	82	21.086	ug/l #	44

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059739.D
 Acq On : 1 Aug 2018 6:54
 Operator : VA/AP
 Sample : J4140-01RE
 Misc : 23.17g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(75-77)RE

Quant Time: Aug 01 07:39:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.93	75	72	201.870	ug/l #	9
82) 4-Chlorotoluene	12.00	91	76	17.924	ug/l #	44
83) tert-Butylbenzene	12.15	119	81	16.770	ug/l #	26
85) sec-Butylbenzene	12.45	105	71	8.441	ug/l #	57
89) n-Butylbenzene	12.95	91	60	8.417	ug/l #	29
90) Hexachloroethane	13.02	117	63	46.424	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.74	75	77	310.998	ug/l #	9
94) Hexachlorobutadiene	14.11	225	68	50.558	ug/l #	19

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

