

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059729.D
 Acq On : 1 Aug 2018 2:17
 Operator : VA/AP
 Sample : J3831-03RE
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

Quant Time: Aug 01 07:37:10 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	5.06	168	335	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.77	114	326	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	148	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.66	152	66	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	102	16.94	ug/l	0.02
Spiked Amount 50.000			Recovery =	33.88%		
35) Dibromofluoromethane	4.27	113	59	17.42	ug/l	-0.01
Spiked Amount 50.000			Recovery =	34.84%		
50) Toluene-d8	7.72	98	450	56.99	ug/l	0.02
Spiked Amount 50.000			Recovery =	113.98%		
62) 4-Bromofluorobenzene	11.57	95	60	13.73	ug/l	0.07
Spiked Amount 50.000			Recovery =	27.46%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.21	62	63	28.774	ug/l #	47
6) Chloroethane	1.47	64	83	67.179	ug/l #	35
7) Trichlorofluoromethane	1.64	101	75	11.988	ug/l #	18
8) Diethyl Ether	1.81	74	66	61.699	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.96	101	78	23.805	ug/l #	22
10) Methyl Iodide	1.86	142	64	10.919	ug/l #	20
11) Tert butyl alcohol	2.62	59	105	433.607	ug/l #	74
12) 1,1-Dichloroethene	1.91	96	59	22.742	ug/l #	1
13) Acrolein	2.10	56	80	604.801	ug/l #	4
14) Allyl chloride	2.22	41	84	20.280	ug/l #	1
15) Acrylonitrile	3.24	53	63	161.973	ug/l #	7
16) Acetone	2.39	43	70	64.639	ug/l #	68
17) Carbon Disulfide	1.76	76	140	23.451	ug/l #	71
18) Methyl Acetate	2.39	43	70	40.723	ug/l #	64
19) Methyl tert-butyl Ether	2.53	73	63	7.963	ug/l #	60
21) trans-1,2-Dichloroethene	2.45	96	73	31.184	ug/l #	1
22) Diisopropyl ether	2.94	45	109	12.444	ug/l #	33
23) Vinyl Acetate	3.34	43	105	23.316	ug/l #	83
24) 1,1-Dichloroethane	2.88	63	79	12.982	ug/l #	91
25) 2-Butanone	4.44	43	174	143.974	ug/l #	74
26) 2,2-Dichloropropane	3.76	77	75	17.288	ug/l #	66
27) cis-1,2-Dichloroethene	3.64	96	81	24.856	ug/l #	29
28) Bromochloromethane	3.81	49	73	32.872	ug/l #	15
29) Tetrahydrofuran	4.29	42	256	551.131	ug/l #	64
30) Chloroform	3.99	83	117	13.622	ug/l #	20
31) Cyclohexane	3.93	56	72	22.112	ug/l #	15
36) 1,1-Dichloropropene	4.60	75	96	27.294	ug/l #	46
37) Ethyl Acetate	4.21	43	253	166.297	ug/l #	19
38) Carbon Tetrachloride	4.02	117	77	14.856	ug/l #	14
39) Methylcyclohexane	5.54	83	67	24.405	ug/l #	13
40) Benzene	4.81	78	108	16.405	ug/l #	52
41) Methacrylonitrile	4.99	41	61	75.778	ug/l #	24
42) 1,2-Dichloroethane	5.02	62	67	14.542	ug/l #	85
43) Isopropyl Acetate	7.13	43	235	120.555	ug/l #	46

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059729.D
 Acq On : 1 Aug 2018 2:17
 Operator : VA/AP
 Sample : J3831-03RE
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-072718RE

Quant Time: Aug 01 07:37:10 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)

45) 1,2-Dichloropropane	6.47	63	69	39.687	ug/l #	43
46) Dibromomethane	6.24	93	67	40.590	ug/l #	8
48) Methyl methacrylate	6.89	41	72	49.105	ug/l #	13
51) 4-Methyl-2-Pentanone	8.43	43	256	172.640	ug/l #	42
53) t-1,3-Dichloropropene	8.50	75	111	28.459	ug/l #	41
54) cis-1,3-Dichloropropene	7.44	75	65	17.205	ug/l #	18
55) 1,1,2-Trichloroethane	8.57	97	63	35.333	ug/l #	14
56) Ethyl methacrylate	8.91	69	63	33.881	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.78	63	60	279.472	ug/l	100
59) 2-Hexanone	9.71	43	126	106.035	ug/l	94
64) Tetrachloroethene	8.46	164	69	70.911	ug/l #	1
65) Chlorobenzene	9.94	112	70	23.644	ug/l #	43
67) Ethyl Benzene	9.86	91	89	17.375	ug/l #	1
69) o-Xylene	10.87	106	61	32.319	ug/l #	1
73) Isopropylbenzene	11.16	105	64	14.779	ug/l #	50
74) N-amyl acetate	11.50	43	95	86.952	ug/l #	48
77) Bromobenzene	11.48	156	64	56.595	ug/l #	1
78) n-propylbenzene	11.68	91	72	12.458	ug/l #	54
79) 2-Chlorotoluene	11.78	91	73	23.833	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.06	75	70	243.842	ug/l #	66
82) 4-Chlorotoluene	11.99	91	90	28.427	ug/l #	44
83) tert-Butylbenzene	12.22	119	66	16.977	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.30	105	83	21.204	ug/l #	33
85) sec-Butylbenzene	12.30	105	83	14.991	ug/l #	57
86) p-Isopropyltoluene	12.67	119	64	12.390	ug/l #	49
87) 1,3-Dichlorobenzene	12.71	146	63	31.958	ug/l #	24
88) 1,4-Dichlorobenzene	12.71	146	63	32.242	ug/l #	24
89) n-Butylbenzene	12.92	91	75	16.661	ug/l #	29
92) 1,2-Dibromo-3-Chloropropan	13.68	75	71	356.283	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.29	180	135	98.555	ug/l #	12
95) Naphthalene	14.50	128	77	27.060	ug/l #	1

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

