

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060408.D
 Acq On : 2 Oct 2018 18:00
 Operator : VA/AP
 Sample : J5170-19
 Misc : 8.45/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-4

Quant Time: Oct 03 02:34:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	9687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	8601	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	2829	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	75	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	1672	11.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.06%	
35) Dibromofluoromethane	4.25	113	2553	31.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.20%	
50) Toluene-d8	7.68	98	7455	37.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.92%	
62) 4-Bromofluorobenzene	11.50	95	163	1.79	ug/l	0.01
Spiked Amount	50.000		Recovery	=	3.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.98	85	158	Below Cal	# 43
4) Vinyl Chloride	1.25	62	219	1.600	ug/l # 42
8) Diethyl Ether	1.58	74	61	1.402	ug/l # 79
11) Tert butyl alcohol	2.67	59	81	8.834	ug/l # 77
12) 1,1-Dichloroethene	1.90	96	225	1.915	ug/l # 1
13) Acrolein	2.14	56	291	39.466	ug/l # 85
14) Allyl chloride	2.19	41	716	3.803	ug/l # 27
15) Acrylonitrile	3.03	53	163	10.375	ug/l # 14
16) Acetone	2.35	43	267	Below Cal	# 66
18) Methyl Acetate	2.41	43	672	10.388	ug/l # 57
20) Methylene Chloride	2.25	84	310	Below Cal	# 8
23) Vinyl Acetate	3.28	43	980	7.219	ug/l # 81
25) 2-Butanone	4.46	43	67	1.707	ug/l # 60
26) 2,2-Dichloropropane	3.69	77	213	1.627	ug/l # 61
28) Bromochloromethane	3.78	49	93	1.092	ug/l # 10
29) Tetrahydrofuran	4.22	42	216	10.213	ug/l # 61
31) Cyclohexane	3.87	56	485	2.923	ug/l # 17
37) Ethyl Acetate	4.25	43	482	11.869	ug/l # 1
39) Methylcyclohexane	5.48	83	202	1.943	ug/l # 10
41) Methacrylonitrile	4.89	41	883	41.010	ug/l # 40
43) Isopropyl Acetate	7.06	43	198	4.035	ug/l # 44
44) Trichloroethene	5.69	130	128	1.895	ug/l # 1
45) 1,2-Dichloropropane	6.27	63	161	2.872	ug/l # 46
46) Dibromomethane	6.25	93	98	2.174	ug/l # 9
47) Bromodichloromethane	6.55	83	176	1.577	ug/l # 23
48) Methyl methacrylate	6.84	41	250	7.097	ug/l # 69
49) 1,4-Dioxane	6.68	88	72	237.048	ug/l # 18
51) 4-Methyl-2-Pentanone	8.35	43	322	9.218	ug/l # 39
53) t-1,3-Dichloropropene	8.46	75	95	1.086	ug/l # 1
55) 1,1,2-Trichloroethane	8.56	97	64	1.412	ug/l # 47
56) Ethyl methacrylate	8.74	69	70	1.359	ug/l # 1
58) 2-Chloroethyl Vinyl ether	7.83	63	64	12.166	ug/l # 100
59) 2-Hexanone	9.63	43	422	16.470	ug/l # 93
60) Dibromochloromethane	8.87	129	89	1.304	ug/l # 11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060408.D
 Acq On : 2 Oct 2018 18:00
 Operator : VA/AP
 Sample : J5170-19
 Misc : 8.45/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-4

Quant Time: Oct 03 02:34:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

61) 1,2-Dibromoethane	9.05	107	73	1.472	ug/l #	4
64) Tetrachloroethene	8.22	164	87	3.869	ug/l #	17
65) Chlorobenzene	9.90	112	122	2.099	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.09	131	90	3.547	ug/l #	51
68) m/p-Xylenes	10.31	106	77	2.027	ug/l #	1
69) o-Xylene	10.90	106	85	2.053	ug/l #	1
70) Styrene	10.77	104	76	1.290	ug/l #	32
71) Bromoform	11.00	173	61	4.515	ug/l #	32
73) Isopropylbenzene	11.26	105	62	10.499	ug/l #	51
74) N-amyl acetate	11.42	43	806	594.702	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	11.87	83	80	74.306	ug/l #	4
76) 1,2,3-Trichloropropane	11.84	75	101	127.428	ug/l #	56
78) n-propylbenzene	11.73	91	203	28.356	ug/l #	55
79) 2-Chlorotoluene	11.73	91	203	48.475	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.86	105	92	18.337	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.98	75	79	224.849	ug/l #	15
82) 4-Chlorotoluene	12.01	91	72	16.804	ug/l #	43
83) tert-Butylbenzene	12.22	119	77	15.560	ug/l #	25
84) 1,2,4-Trimethylbenzene	12.29	105	61	12.260	ug/l #	30
85) sec-Butylbenzene	12.36	105	78	11.419	ug/l #	58
86) p-Isopropyltoluene	12.50	119	60	10.752	ug/l #	49
89) n-Butylbenzene	12.95	91	84	14.225	ug/l #	28
90) Hexachloroethane	12.96	117	86	59.627	ug/l #	27
91) 1,2-Dichlorobenzene	12.97	146	66	27.731	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.61	75	61	292.262	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.10	180	74	41.598	ug/l #	10
94) Hexachlorobutadiene	14.15	225	67	53.964	ug/l #	17
95) Naphthalene	14.48	128	73	22.951	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.77	180	91	54.571	ug/l #	13

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060408.D
 Acq On : 2 Oct 2018 18:00
 Operator : VA/AP
 Sample : J5170-19
 Misc : 8.45/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-4

Quant Time: Oct 03 02:34:53 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

