

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062261.D
 Acq On : 23 Apr 2019 13:59
 Operator : FY/SY
 Sample : K2464-01
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-COMP-4.18.19

Quant Time: Apr 24 07:58:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.92	168	80	50.00	ug/l	-0.12
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	9.90	117	64	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.85	152	62	50.00	ug/l	0.25

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	154	209.94	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	419.88%	
35) Dibromofluoromethane	4.47	113	67	0.00	ug/l	0.18
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.73	98	83	0.00	ug/l	0.03
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.46	95	69	0.00	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	290	238.536	ug/l #	42
3) Chloromethane	1.14	50	241	191.788	ug/l #	41
4) Vinyl Chloride	1.19	62	73	67.618	ug/l #	42
5) Bromomethane	1.33	94	462	736.658	ug/l #	6
6) Chloroethane	1.43	64	82	181.689	ug/l #	41
8) Diethyl Ether	1.65	74	82	287.265	ug/l #	1
10) Methyl Iodide	2.05	142	80	48.063	ug/l #	42
11) Tert butyl alcohol	2.50	59	173	3392.787	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	124	139.143	ug/l #	1
13) Acrolein	2.02	56	308	4198.959	ug/l #	14
14) Allyl chloride	2.14	41	123	120.267	ug/l #	19
15) Acrylonitrile	3.02	53	143	920.768	ug/l #	15
16) Acetone	2.29	43	503	2868.717	ug/l #	52
17) Carbon Disulfide	1.88	76	89	35.940	ug/l #	71
18) Methyl Acetate	2.35	43	1632	4885.144	ug/l #	59
19) Methyl tert-butyl Ether	2.46	73	322	204.648	ug/l #	58
20) Methylene Chloride	2.25	84	70	85.765	ug/l #	1
21) trans-1,2-Dichloroethene	2.38	96	404	458.419	ug/l #	1
22) Diisopropyl ether	2.85	45	180	68.803	ug/l #	46
23) Vinyl Acetate	3.26	43	460	369.047	ug/l #	79
24) 1,1-Dichloroethane	2.97	63	131	91.537	ug/l #	88
25) 2-Butanone	4.39	43	1255	3579.588	ug/l #	56
26) 2,2-Dichloropropane	3.68	77	256	354.310	ug/l #	54
27) cis-1,2-Dichloroethene	3.57	96	77	67.469	ug/l #	56
28) Bromochloromethane	3.81	49	69	100.649	ug/l #	8
29) Tetrahydrofuran	4.17	42	336	2117.291	ug/l #	66
30) Chloroform	3.93	83	79	44.917	ug/l #	25
31) Cyclohexane	3.81	56	355	206.992	ug/l #	17
32) 1,1,1-Trichloroethane	4.19	97	70	54.373	ug/l #	17
66) 1,1,1,2-Tetrachloroethane	10.11	131	101	158.043	ug/l #	1
67) Ethyl Benzene	10.02	91	260	104.776	ug/l #	44
68) m/p-Xylenes	10.11	106	122	133.553	ug/l #	54
69) o-Xylene	10.85	106	63	62.116	ug/l	73
70) Styrene	10.79	104	76	53.099	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062261.D
 Acq On : 23 Apr 2019 13:59
 Operator : FY/SY
 Sample : K2464-01
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-COMP-4.18.19

Quant Time: Apr 24 07:58:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

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

73) Isopropylbenzene	11.23	105	111	20.842	ug/l #	27
74) N-amyl acetate	11.42	43	1489	1230.202	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	11.79	83	146	159.403	ug/l #	22
76) 1,2,3-Trichloropropane	11.87	75	71	112.671	ug/l #	1
77) Bromobenzene	11.68	156	62	54.343	ug/l #	1
78) n-propylbenzene	11.65	91	234	41.650	ug/l #	53
79) 2-Chlorotoluene	11.65	91	234	68.661	ug/l	95
80) 1,3,5-Trimethylbenzene	11.80	105	151	34.042	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.95	75	220	684.554	ug/l #	60
82) 4-Chlorotoluene	11.95	91	369	112.035	ug/l #	41
83) tert-Butylbenzene	12.19	119	146	31.828	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.27	105	203	47.292	ug/l #	29
85) sec-Butylbenzene	12.51	105	235	39.460	ug/l	81
86) p-Isopropyltoluene	12.54	119	82	16.232	ug/l #	1
87) 1,3-Dichlorobenzene	12.41	146	74	34.953	ug/l #	14
88) 1,4-Dichlorobenzene	12.77	146	69	33.788	ug/l #	23
89) n-Butylbenzene	12.90	91	810	211.757	ug/l #	33
90) Hexachloroethane	12.93	117	66	50.877	ug/l #	12
91) 1,2-Dichlorobenzene	12.88	146	61	29.839	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.64	75	417	2317.267	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.18	180	72	42.094	ug/l #	11
94) Hexachlorobutadiene	14.21	225	63	53.716	ug/l #	19
95) Naphthalene	14.52	128	286	95.629	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.49	180	69	42.020	ug/l #	12

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

