

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
 Data File : VF062296.D
 Acq On : 25 Apr 2019 17:09
 Operator : FY/SY
 Sample : K2554-01RE
 Misc : 5.10g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT3860RE

Quant Time: Apr 26 01:09:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	73	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.79
63) Chlorobenzene-d5	10.10	117	66	50.00	ug/l	0.18
72) 1,4-Dichlorobenzene-d4	12.57	152	74	50.00	ug/l	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	77	130.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	260.44%	
35) Dibromofluoromethane	4.36	113	66	0.00	ug/l	0.03
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.72	98	183	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.53	95	76	0.00	ug/l	0.03
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	76	87.607	ug/l #	40
3) Chloromethane	1.13	50	61	83.467	ug/l #	44
4) Vinyl Chloride	1.16	62	219	316.403	ug/l #	20
5) Bromomethane	1.40	94	202	429.747	ug/l #	6
6) Chloroethane	1.43	64	74	243.888	ug/l #	42
7) Trichlorofluoromethane	1.49	101	95	86.375	ug/l #	15
8) Diethyl Ether	1.80	74	126	632.358	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.09	101	60	86.927	ug/l #	19
10) Methyl Iodide	2.17	142	98	81.227	ug/l #	6
11) Tert butyl alcohol	2.74	59	289	8079.616	ug/l #	1
12) 1,1-Dichloroethene	1.83	96	582	945.015	ug/l #	1
13) Acrolein	2.05	56	219	6323.216	ug/l #	7
14) Allyl chloride	2.17	41	109	162.626	ug/l #	28
15) Acrylonitrile	3.05	53	60	605.640	ug/l #	1
16) Acetone	2.33	43	509	3844.649	ug/l #	24
17) Carbon Disulfide	1.95	76	83	51.208	ug/l #	1
18) Methyl Acetate	2.44	43	837	3613.245	ug/l #	87
19) Methyl tert-butyl Ether	2.52	73	1163	990.546	ug/l #	64
20) Methylene Chloride	2.33	84	68	128.592	ug/l #	2
21) trans-1,2-Dichloroethene	2.35	96	137	225.096	ug/l #	1
22) Diisopropyl ether	2.92	45	63	34.916	ug/l #	2
23) Vinyl Acetate	3.32	43	755	943.600	ug/l #	78
24) 1,1-Dichloroethane	3.00	63	146	141.768	ug/l #	89
25) 2-Butanone	4.50	43	1043	4968.502	ug/l #	57
26) 2,2-Dichloropropane	3.68	77	309	577.780	ug/l	87
27) cis-1,2-Dichloroethene	3.56	96	59	76.549	ug/l	71
28) Bromochloromethane	3.88	49	63	145.167	ug/l #	2
29) Tetrahydrofuran	4.23	42	130	1409.381	ug/l #	37
30) Chloroform	3.94	83	208	160.844	ug/l #	18
31) Cyclohexane	3.82	56	142	144.907	ug/l #	3
32) 1,1,1-Trichloroethane	4.27	97	81	79.778	ug/l #	30
65) Chlorobenzene	10.08	112	66	54.723	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.05	131	64	112.658	ug/l #	1
67) Ethyl Benzene	9.93	91	159	75.831	ug/l #	43

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68) m/p-Xylenes	10.07	106	71	90.951	ug/l #	1
69) o-Xylene	10.80	106	70	80.261	ug/l #	27
70) Styrene	10.80	104	99	78.523	ug/l #	72
71) Bromoform	10.62	173	60	187.633	ug/l #	27
73) Isopropylbenzene	11.21	105	66	13.018	ug/l #	50
74) N-amyl acetate	11.42	43	1005	860.299	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.78	83	70	86.902	ug/l #	75
76) 1,2,3-Trichloropropane	11.73	75	174	304.460	ug/l #	100
78) n-propylbenzene	11.67	91	328	61.483	ug/l #	52
79) 2-Chlorotoluene	11.61	91	131	40.767	ug/l	81
80) 1,3,5-Trimethylbenzene	11.71	105	80	18.691	ug/l	65
81) trans-1,4-Dichloro-2-buten	12.11	75	63	246.615	ug/l #	1
82) 4-Chlorotoluene	11.95	91	215	67.618	ug/l #	40
83) tert-Butylbenzene	12.25	119	66	15.025	ug/l #	18
84) 1,2,4-Trimethylbenzene	12.25	105	154	37.150	ug/l #	29
85) sec-Butylbenzene	12.35	105	61	11.150	ug/l #	56
86) p-Isopropyltoluene	12.62	119	69	14.067	ug/l #	11
87) 1,3-Dichlorobenzene	12.48	146	67	29.879	ug/l #	13
88) 1,4-Dichlorobenzene	12.48	146	67	31.513	ug/l #	13
89) n-Butylbenzene	12.86	91	62	13.911	ug/l #	52
90) Hexachloroethane	12.96	117	148	120.370	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.65	75	67	412.310	ug/l #	1
95) Naphthalene	14.49	128	76	25.942	ug/l #	69

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

