

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019054.D
 Acq On : 9 May 2018 13:21
 Operator : SY/MD
 Sample : J2133-02L00
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Quant Time: May 10 11:59:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1089931	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1867005	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1567541	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	720449	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	537446	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
34) Dibromofluoromethane	7.35	113	550282	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
49) Toluene-d8	9.91	98	2449182	54.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	109.22%	
61) 4-Bromofluorobenzene	12.22	95	885452	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.79	85	144989	10.40	ug/l	99
3) Chloromethane	1.96	50	62704	13.20	ug/l	99
4) Vinyl Chloride	2.10	62	74894	9.74	ug/l	91
5) Bromomethane	2.44	94	65801	10.49	ug/l	93
6) Chloroethane	2.57	64	48169	10.21	ug/l #	87
7) Trichlorofluoromethane	2.94	101	234668m	11.37	ug/l	
8) Diethyl Ether	3.21	74	35135	11.21	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.60	101	121017	12.09	ug/l #	82
10) Methyl Iodide	3.77	142	168884	11.63	ug/l #	87
11) Tert butyl alcohol	4.54	59	19947	38.12	ug/l	96
12) 1,1-Dichloroethene	3.54	96	104717	11.79	ug/l	97
13) Acrolein	3.40	56	12773	50.01	ug/l	85
14) Allyl chloride	4.06	41	210855	11.00	ug/l	93
15) Acrylonitrile	4.70	53	97417	48.33	ug/l	91
16) Acetone	3.60	43	59764	54.42	ug/l	98
17) Carbon Disulfide	4.06	76	108622	2.96	ug/l	99
18) Methyl Acetate	4.08	43	50876	9.02	ug/l #	87
19) Methyl tert-butyl Ether	4.76	73	211100	9.48	ug/l #	81
20) Methylene Chloride	4.30	84	131431	11.11	ug/l	94
21) trans-1,2-Dichloroethene	4.75	96	145053	11.06	ug/l	94
22) Diisopropyl ether	5.67	45	386161	10.86	ug/l	95
23) Vinyl Acetate	5.61	43	826135	52.34	ug/l	97
24) 1,1-Dichloroethane	5.56	63	276516	11.12	ug/l	99
25) 2-Butanone	6.57	43	129011	52.16	ug/l	90
26) 2,2-Dichloropropane	6.56	77	119111	11.87	ug/l	95
27) cis-1,2-Dichloroethene	6.56	96	136063	10.56	ug/l	98
28) Bromochloromethane	6.94	49	91448	11.08	ug/l	96
29) Chloroform	7.13	83	252428	10.85	ug/l	98
30) Cyclohexane	7.43	56	299820	11.13	ug/l #	95
31) 1,1,1-Trichloroethane	7.33	97	191457	10.65	ug/l	96
35) 1,1-Dichloropropene	7.57	75	234940	10.92	ug/l	99
36) Ethyl Acetate	6.67	43	51170	9.23	ug/l #	92
37) Carbon Tetrachloride	7.54	117	172661	9.82	ug/l	95
38) Methylcyclohexane	8.88	83	277243	10.80	ug/l	98

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019054.D
 Acq On : 9 May 2018 13:21
 Operator : SY/MD
 Sample : J2133-02L00
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Quant Time: May 10 11:59:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

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

39) Benzene	7.82	78	641122	11.41	ug/l #	77
40) Methacrylonitrile	6.96	41	74071	24.37	ug/l #	41
41) 1,2-Dichloroethane	7.91	62	123347	10.10	ug/l	97
42) Isopropyl Acetate	7.96	43	90231	9.45	ug/l #	90
43) Trichloroethene	8.63	130	136711	10.58	ug/l	93
44) 1,2-Dichloropropane	8.93	63	138588	10.52	ug/l	97
45) Dibromomethane	9.01	93	53422	10.31	ug/l #	87
46) Bromodichloromethane	9.21	83	148901	9.89	ug/l	97
47) Methyl methacrylate	9.01	41	48621	9.85	ug/l	98
48) 1,4-Dioxane	9.01	88	11129	177.61	ug/l	93
50) 4-Methyl-2-Pentanone	9.80	43	254133	48.54	ug/l	96
51) Toluene	9.97	92	359859	11.08	ug/l	99
52) t-1,3-Dichloropropene	10.21	75	128338	9.38	ug/l	94
53) cis-1,3-Dichloropropene	9.65	75	166295	9.54	ug/l	97
54) 1,1,2-Trichloroethane	10.38	97	79793	10.14	ug/l	92
55) Ethyl methacrylate	10.25	69	84212	8.94	ug/l	99
56) 1,3-Dichloropropane	10.53	76	137801	9.79	ug/l	93
57) 2-Chloroethyl Vinyl ether	9.51	63	219328	50.50	ug/l	100
58) 2-Hexanone	10.57	43	196142	51.67	ug/l	99
59) Dibromochloromethane	10.73	129	73120	8.94	ug/l	99
60) 1,2-Dibromoethane	10.82	107	69316	10.20	ug/l	86
63) Tetrachloroethene	10.45	164	108910	10.15	ug/l	98
64) Chlorobenzene	11.25	112	354947	10.93	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.33	131	104227	9.89	ug/l	93
66) Ethyl Benzene	11.33	91	742210	11.92	ug/l	99
67) m/p-Xylenes	11.45	106	525967	22.72	ug/l	90
68) o-Xylene	11.77	106	234434	10.79	ug/l	81
69) Stvrene	11.79	104	361205	10.74	ug/l	96
70) Bromoform	11.95	173	35205	8.79	ug/l	92
72) Isopropylbenzene	12.08	105	715404	12.30	ug/l	96
73) N-amyl acetate	11.90	43	99643	10.39	ug/l #	95
74) 1,1,2,2-Tetrachloroethane	12.32	83	92416	10.80	ug/l	96
75) 1,2,3-Trichloropropane	12.37	75	63282m	10.33	ug/l	
76) Bromobenzene	12.35	156	124415	10.80	ug/l	84
77) n-propylbenzene	12.42	91	938358	11.28	ug/l	95
78) 2-Chlorotoluene	12.49	91	504572	11.82	ug/l	100
79) 1,3,5-Trimethylbenzene	12.56	105	624159	12.36	ug/l	96
80) trans-1,4-Dichloro-2-buten	12.12	75	21519	9.34	ug/l	86
81) 4-Chlorotoluene	12.60	91	613705	11.83	ug/l	95
82) tert-Butylbenzene	12.82	119	605871	13.77	ug/l	98
83) 1,2,4-Trimethylbenzene	12.86	105	625623	12.22	ug/l	96
84) sec-Butylbenzene	13.00	105	794013	12.81	ug/l	94
85) p-Isopropyltoluene	13.12	119	635912	12.20	ug/l	98
86) 1,3-Dichlorobenzene	13.10	146	267037	10.99	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	268366	11.36	ug/l	94
88) n-Butylbenzene	13.44	91	684892	12.26	ug/l	94
89) Hexachloroethane	13.70	117	97208	10.75	ug/l	85
90) 1,2-Dichlorobenzene	13.47	146	223476	11.00	ug/l	97
91) 1,2-Dibromo-3-Chloropropan	14.09	75	13870	11.24	ug/l	68
92) 1,2,4-Trichlorobenzene	14.73	180	134037	9.87	ug/l	95

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
Data File : VT019054.D
Acq On : 9 May 2018 13:21
Operator : SY/MD
Sample : J2133-02L00
Misc : 5.00g/5mL/MSVOA T/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Quant Time: May 10 11:59:22 2018
Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
Quant Title : SW846 8260
QLast Update : Thu May 10 07:01:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	101561	10.24	ug/l	95
94) Naphthalene	14.94	128	191042	8.71	ug/l	97
95) 1,2,3-Trichlorobenzene	15.12	180	107789	9.62	ug/l	98

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

