

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019072.D
 Acq On : 10 May 2018 13:14
 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 11 02:21:25 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	870596	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1500766	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1302768	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	621435	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	425318	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
34) Dibromofluoromethane	7.35	113	413361	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
49) Toluene-d8	9.91	98	1841787	51.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.18%	
61) 4-Bromofluorobenzene	12.22	95	692217	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	105033	9.43	ug/l	96
3) Chloromethane	1.95	50	49154	12.95	ug/l	99
4) Vinyl Chloride	2.09	62	62938	10.25	ug/l	100
5) Bromomethane	2.46	94	58516	11.68	ug/l #	74
6) Chloroethane	2.59	64	38343	10.18	ug/l #	88
7) Trichlorofluoromethane	2.83	101	196263m	11.90	ug/l	
8) Diethyl Ether	3.21	74	27718	11.07	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.58	101	99681	12.47	ug/l	96
10) Methyl Iodide	3.76	142	143488	12.37	ug/l #	98
11) Tert butyl alcohol	4.54	59	16879	40.39	ug/l #	94
12) 1,1-Dichloroethene	3.54	96	88963	12.54	ug/l	95
13) Acrolein	3.39	56	12075	59.18	ug/l	94
14) Allyl chloride	4.06	41	164719	10.76	ug/l	90
15) Acrylonitrile	4.69	53	85628	53.19	ug/l	95
16) Acetone	3.60	43	56440	64.34	ug/l #	79
17) Carbon Disulfide	4.06	76	285487m	9.75	ug/l	
18) Methyl Acetate	4.08	43	46190	10.25	ug/l	97
19) Methyl tert-butyl Ether	4.76	73	178827	10.05	ug/l	93
20) Methylene Chloride	4.29	84	109920	11.63	ug/l	95
21) trans-1,2-Dichloroethene	4.75	96	102859	9.82	ug/l	87
22) Diisopropyl ether	5.67	45	303051	10.67	ug/l	95
23) Vinyl Acetate	5.61	43	673527	53.43	ug/l	98
24) 1,1-Dichloroethane	5.57	63	201308	10.14	ug/l #	95
25) 2-Butanone	6.57	43	107125	54.23	ug/l	90
26) 2,2-Dichloropropane	6.56	77	89638	11.19	ug/l	98
27) cis-1,2-Dichloroethene	6.56	96	100717	9.78	ug/l	93
28) Bromochloromethane	6.94	49	73303	11.12	ug/l	93
29) Chloroform	7.13	83	201442	10.84	ug/l	97
30) Cyclohexane	7.43	56	227243	10.56	ug/l #	88
31) 1,1,1-Trichloroethane	7.33	97	155638	10.84	ug/l	98
35) 1,1-Dichloropropene	7.57	75	181516	10.50	ug/l	99
36) Ethyl Acetate	6.67	43	48196	10.81	ug/l #	86
37) Carbon Tetrachloride	7.54	117	139784	9.89	ug/l	92
38) Methylcyclohexane	8.88	83	203380	9.85	ug/l	90

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

39) Benzene	7.82	78	487970	10.80	ug/l #	75
40) Methacrylonitrile	6.92	41	23506	9.85	ug/l	91
41) 1,2-Dichloroethane	7.91	62	102124	10.41	ug/l	100
42) Isopropyl Acetate	7.96	43	72056	9.39	ug/l	97
43) Trichloroethene	8.63	130	107451	10.34	ug/l	97
44) 1,2-Dichloropropane	8.92	63	107134	10.11	ug/l	99
45) Dibromomethane	9.01	93	44025	10.57	ug/l	93
46) Bromodichloromethane	9.21	83	123703	10.22	ug/l	99
47) Methyl methacrylate	9.01	41	38591	9.73	ug/l #	83
48) 1,4-Dioxane	9.01	88	8673	171.84	ug/l	95
50) 4-Methyl-2-Pentanone	9.80	43	211949	50.37	ug/l	90
51) Toluene	9.97	92	267422	10.24	ug/l	99
52) t-1,3-Dichloropropene	10.19	75	100611	9.14	ug/l	94
53) cis-1,3-Dichloropropene	9.65	75	136330	9.73	ug/l	97
54) 1,1,2-Trichloroethane	10.38	97	64022	10.13	ug/l	94
55) Ethyl methacrylate	10.25	69	65857	8.69	ug/l	95
56) 1,3-Dichloropropane	10.53	76	118566	10.48	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.51	63	151481	43.39	ug/l	93
58) 2-Hexanone	10.57	43	158222	51.86	ug/l	92
59) Dibromochloromethane	10.73	129	59819	9.10	ug/l	95
60) 1,2-Dibromoethane	10.82	107	53134	9.72	ug/l	96
63) Tetrachloroethene	10.45	164	81421	9.13	ug/l	91
64) Chlorobenzene	11.25	112	283124	10.49	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	82414	9.41	ug/l	97
66) Ethyl Benzene	11.33	91	558045	10.78	ug/l	99
67) m/p-Xylenes	11.45	106	398451	20.71	ug/l	86
68) o-Xylene	11.77	106	175987	9.75	ug/l	96
69) Stvrene	11.79	104	285998	10.23	ug/l	97
70) Bromoform	11.95	173	24817	7.46	ug/l #	96
72) Isopropylbenzene	12.08	105	530234	10.57	ug/l	95
73) N-amyl acetate	11.90	43	79403	9.60	ug/l #	91
74) 1,1,2,2-Tetrachloroethane	12.32	83	74142	10.04	ug/l	99
75) 1,2,3-Trichloropropane	12.37	75	56062m	10.61	ug/l	
76) Bromobenzene	12.35	156	96931	9.76	ug/l	93
77) n-propylbenzene	12.42	91	729785	10.26	ug/l	95
78) 2-Chlorotoluene	12.49	91	388559	10.55	ug/l	97
79) 1,3,5-Trimethylbenzene	12.56	105	474869	10.90	ug/l	97
80) trans-1,4-Dichloro-2-buten	12.12	75	15949	8.02	ug/l	86
81) 4-Chlorotoluene	12.60	91	489365	10.94	ug/l	97
82) tert-Butylbenzene	12.82	119	461554	12.16	ug/l	97
83) 1,2,4-Trimethylbenzene	12.86	105	489126	11.07	ug/l	97
84) sec-Butylbenzene	13.00	105	584923	10.94	ug/l	96
85) p-Isopropyltoluene	13.12	119	508674	11.31	ug/l	96
86) 1,3-Dichlorobenzene	13.10	146	211586	10.09	ug/l	99
87) 1,4-Dichlorobenzene	13.19	146	206456	10.13	ug/l	96
88) n-Butylbenzene	13.44	91	550254	11.42	ug/l	94
89) Hexachloroethane	13.70	117	72259	9.26	ug/l	90
90) 1,2-Dichlorobenzene	13.47	146	185383	10.58	ug/l	94
91) 1,2-Dibromo-3-Chloropropan	14.09	75	10480	9.85	ug/l	95
92) 1,2,4-Trichlorobenzene	14.73	180	112916	9.64	ug/l	87

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93) Hexachlorobutadiene	14.83	225	80743	9.44	ug/l	93
94) Naphthalene	14.94	128	157191	8.31	ug/l	98
95) 1,2,3-Trichlorobenzene	15.12	180	90578	9.37	ug/l	95

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

