

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019053.D
 Acq On : 9 May 2018 12:50
 Operator : SY/MD
 Sample : J2133-01LOD/MDL
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2018DL

Quant Time: May 10 12:00:33 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	1130035	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1923876	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1555712	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	689433	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	536178	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
34) Dibromofluoromethane	7.35	113	537412	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
49) Toluene-d8	9.90	98	2373577	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
61) 4-Bromofluorobenzene	12.22	95	827764	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	42562	2.94	ug/l	93
3) Chloromethane	1.95	50	18145	3.68	ug/l	92
4) Vinyl Chloride	2.09	62	19978	2.51	ug/l	98
5) Bromomethane	2.46	94	16356	2.51	ug/l	87
6) Chloroethane	2.59	64	14527	2.97	ug/l	90
8) Diethyl Ether	3.21	74	7070	2.18	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.58	101	27362	2.64	ug/l	97
10) Methyl Iodide	3.75	142	36368	2.42	ug/l #	88
11) Tert butyl alcohol	4.55	59	7491	13.81	ug/l #	53
12) 1,1-Dichloroethene	3.56	96	24614	2.67	ug/l	89
13) Acrolein	3.40	56	2825	10.67	ug/l #	51
14) Allyl chloride	4.06	41	48570	2.44	ug/l #	81
15) Acrylonitrile	4.70	53	23440	11.22	ug/l #	78
16) Acetone	3.59	43	16952	14.89	ug/l	95
18) Methyl Acetate	4.06	43	12917	2.21	ug/l #	88
19) Methyl tert-butyl Ether	4.75	73	40858	1.77	ug/l #	73
20) Methylene Chloride	4.29	84	33148	2.70	ug/l	97
21) trans-1,2-Dichloroethene	4.75	96	32032	2.35	ug/l #	77
22) Diisopropyl ether	5.67	45	69802	1.89	ug/l	91
23) Vinyl Acetate	5.61	43	141970	8.68	ug/l #	93
24) 1,1-Dichloroethane	5.56	63	56385	2.19	ug/l #	93
25) 2-Butanone	6.57	43	25644	10.00	ug/l #	84
26) 2,2-Dichloropropane	6.55	77	29352	2.82	ug/l	92
27) cis-1,2-Dichloroethene	6.55	96	29137	2.18	ug/l	83
28) Bromochloromethane	6.94	49	18394	2.15	ug/l	92
29) Chloroform	7.13	83	53864	2.23	ug/l	93
30) Cyclohexane	7.44	56	82959	2.97	ug/l #	47
31) 1,1,1-Trichloroethane	7.33	97	39752	2.13	ug/l #	71
35) 1,1-Dichloropropene	7.57	75	50797	2.29	ug/l	92
36) Ethyl Acetate	6.66	43	11618	2.03	ug/l #	90
37) Carbon Tetrachloride	7.54	117	35959	1.98	ug/l #	87
38) Methylcyclohexane	8.88	83	53687	2.03	ug/l #	92
39) Benzene	7.82	78	125367	2.16	ug/l #	1
40) Methacrylonitrile	6.90	41	4699	1.86	ug/l #	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.91	62	25701	2.04	ug/l	89
42) Isopropyl Acetate	7.96	43	17464	1.78	ug/l	97
43) Trichloroethene	8.63	130	30015	2.25	ug/l	81
44) 1,2-Dichloropropane	8.92	63	31144	2.29	ug/l	98
45) Dibromomethane	9.01	93	9776	1.83	ug/l #	87
46) Bromodichloromethane	9.21	83	30478	1.96	ug/l #	88
47) Methyl methacrylate	9.01	41	8245	1.62	ug/l #	71
48) 1,4-Dioxane	9.01	88	1938	20.57	ug/l #	49
50) 4-Methyl-2-Pentanone	9.79	43	53988	10.01	ug/l #	73
51) Toluene	9.97	92	77930	2.33	ug/l	93
52) t-1,3-Dichloropropene	10.21	75	21986	1.56	ug/l #	88
53) cis-1,3-Dichloropropene	9.65	75	30531	1.70	ug/l	90
54) 1,1,2-Trichloroethane	10.38	97	17318	2.14	ug/l	91
55) Ethyl methacrylate	10.25	69	16133	1.66	ug/l #	88
56) 1,3-Dichloropropane	10.53	76	31291	2.16	ug/l	95
57) 2-Chloroethyl Vinyl ether	9.51	63	32075	7.17	ug/l #	81
58) 2-Hexanone	10.57	43	36813	9.41	ug/l	92
59) Dibromochloromethane	10.71	129	13357	1.58	ug/l	97
60) 1,2-Dibromoethane	10.82	107	12360	1.76	ug/l	97
63) Tetrachloroethene	10.45	164	24286	2.28	ug/l	89
64) Chlorobenzene	11.25	112	76809	2.38	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.33	131	20512	1.96	ug/l	91
66) Ethyl Benzene	11.33	91	144442	2.34	ug/l	98
67) m/p-Xylenes	11.44	106	97505	4.24	ug/l	96
68) o-Xylene	11.77	106	43473	2.02	ug/l	93
69) Styrene	11.79	104	66527	1.99	ug/l	92
70) Bromoform	11.95	173	6615	1.66	ug/l #	73
72) Isopropylbenzene	12.08	105	121002	2.17	ug/l	95
73) N-amyl acetate	11.90	43	18006	1.96	ug/l #	76
74) 1,1,2,2-Tetrachloroethane	12.32	83	18170	2.22	ug/l #	94
75) 1,2,3-Trichloropropane	12.37	75	11687m	1.99	ug/l	
76) Bromobenzene	12.35	156	24095	2.19	ug/l	79
77) n-propylbenzene	12.42	91	186272	3.26	ug/l	91
78) 2-Chlorotoluene	12.49	91	92231	2.26	ug/l	99
79) 1,3,5-Trimethylbenzene	12.56	105	111505	2.31	ug/l	97
80) trans-1,4-Dichloro-2-buten	12.12	75	3483m	1.58	ug/l	
81) 4-Chlorotoluene	12.60	91	114000	2.30	ug/l	95
82) tert-Butylbenzene	12.82	119	108061	2.57	ug/l	98
83) 1,2,4-Trimethylbenzene	12.86	105	116345	2.37	ug/l	96
84) sec-Butylbenzene	13.00	105	145531	2.45	ug/l	94
85) p-Isopropyltoluene	13.12	119	115335	2.31	ug/l	95
86) 1,3-Dichlorobenzene	13.11	146	57541	2.47	ug/l	91
87) 1,4-Dichlorobenzene	13.19	146	56914	2.52	ug/l	91
88) n-Butylbenzene	13.44	91	128539	2.40	ug/l	94
89) Hexachloroethane	13.70	117	16625	1.92	ug/l	94
90) 1,2-Dichlorobenzene	13.47	146	47319	2.43	ug/l	93
91) 1,2-Dibromo-3-Chloropropan	14.09	75	4042	3.42	ug/l	76
92) 1,2,4-Trichlorobenzene	14.73	180	28340	2.18	ug/l	97
93) Hexachlorobutadiene	14.83	225	21374	2.25	ug/l	88
94) Naphthalene	14.94	128	48850	2.33	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 1,2,3-Trichlorobenzene	15.12	180	26636	2.48	ug/l	96

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

