

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011819\
 Data File : VD060754.D
 Acq On : 18 Jan 2019 10:49
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 19 03:20:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D011819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 17 12:34:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.79	168	1370853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.97	114	1938254	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.15	117	1560656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	785274	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.21	65	96573	10.19	ug/l	0.01
Spiked Amount			Recovery	=	20.38%	
35) Dibromofluoromethane	6.68	113	91345	6.44	ug/l	0.01
Spiked Amount			Recovery	=	12.88%	
50) Toluene-d8	10.18	98	262172	6.19	ug/l	0.01
Spiked Amount			Recovery	=	12.38%	
62) 4-Bromofluorobenzene	13.35	95	118661	8.00	ug/l	0.01
Spiked Amount			Recovery	=	16.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	76134	4.347	ug/l	87
3) Chloromethane	1.77	50	56071	3.478	ug/l	99
4) Vinyl Chloride	1.84	62	52799	4.125	ug/l	93
5) Bromomethane	2.14	94	14728	5.137	ug/l	96
6) Chloroethane	2.25	64	14787	3.871	ug/l #	77
7) Trichlorofluoromethane	2.49	101	76730	5.390	ug/l	88
8) Diethyl Ether	2.80	74	11946	5.016	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.07	101	42071	4.556	ug/l	95
10) Methyl Iodide	3.21	142	44693	4.605	ug/l #	80
11) Tert butyl alcohol	3.92	59	27705	69.976	ug/l #	74
12) 1,1-Dichloroethene	3.06	96	29608	3.902	ug/l #	76
13) Acrolein	2.96	56	10794	26.753	ug/l #	80
14) Allyl chloride	3.51	41	75750	5.441	ug/l #	85
15) Acrylonitrile	4.04	53	84942	36.954	ug/l	97
16) Acetone	3.13	43	60430m	36.526	ug/l	
17) Carbon Disulfide	3.28	76	105046	4.335	ug/l	96
18) Methyl Acetate	3.53	43	24871	6.066	ug/l	94
19) Methyl tert-butyl Ether	4.07	73	165955	8.621	ug/l	93
20) Methylene Chloride	3.68	84	101739	5.921	ug/l	95
21) trans-1,2-Dichloroethene	4.05	96	81234	5.228	ug/l #	75
22) Diisopropyl ether	4.89	45	260309	5.507	ug/l #	92
23) Vinyl Acetate	4.82	43	666352	29.137	ug/l	99
24) 1,1-Dichloroethane	4.76	63	140190	5.638	ug/l	97
25) 2-Butanone	5.83	43	105146	33.212	ug/l	98
26) 2,2-Dichloropropane	5.78	77	135895	6.924	ug/l	91
27) cis-1,2-Dichloroethene	5.79	96	80184	5.083	ug/l	85
28) Bromochloromethane	6.20	49	53832	5.125	ug/l	97
29) Tetrahydrofuran	6.23	42	54847	30.560	ug/l #	87
30) Chloroform	6.41	83	154385	6.171	ug/l	97
31) Cyclohexane	6.72	56	124141	5.188	ug/l #	95
32) 1,1,1-Trichloroethane	6.63	97	137677	6.651	ug/l #	92
36) 1,1-Dichloropropene	6.90	75	119722	5.998	ug/l	96
37) Ethyl Acetate	5.93	43	49182	5.892	ug/l #	89
38) Carbon Tetrachloride	6.87	117	126783	7.200	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.63	83	111681	4.906	ug/l #	79
40) Benzene	7.21	78	286607	5.559	ug/l	100
41) Methacrylonitrile	6.19	41	25573m	5.539	ug/l	
42) 1,2-Dichloroethane	7.34	62	109516	8.560	ug/l	93
43) Isopropyl Acetate	9.00	43	81419	7.601	ug/l #	89
44) Trichloroethene	8.29	130	83966	5.503	ug/l	98
45) 1,2-Dichloropropane	8.71	63	75070	5.938	ug/l	95
46) Dibromomethane	8.82	93	46201	6.403	ug/l	90
47) Bromodichloromethane	9.14	83	113990	6.670	ug/l	99
48) Methyl methacrylate	8.88	41	48871	7.512	ug/l	92
49) 1,4-Dioxane	8.84	88	8006	132.348	ug/l #	79
51) 4-Methyl-2-Pentanone	10.06	43	241480	36.795	ug/l	89
52) Toluene	10.28	92	173981	5.383	ug/l	97
53) t-1,3-Dichloropropene	10.69	75	112785	7.910	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	122311	6.554	ug/l	90
55) 1,1,2-Trichloroethane	10.96	97	48888	5.622	ug/l	92
56) Ethyl methacrylate	10.81	69	65469	8.106	ug/l	98
57) 1,3-Dichloropropane	11.19	76	85802	6.225	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.62	63	197680	41.537	ug/l	94
59) 2-Hexanone	11.32	43	172997	37.659	ug/l	89
60) Dibromochloromethane	11.46	129	79796	7.204	ug/l	93
61) 1,2-Dibromoethane	11.59	107	58673	6.505	ug/l	96
64) Tetrachloroethene	11.03	164	69194	4.892	ug/l #	87
65) Chlorobenzene	12.19	112	194466	5.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.30	131	78817	7.109	ug/l	86
67) Ethyl Benzene	12.31	91	360750	6.109	ug/l	96
68) m/p-Xylenes	12.46	106	246190	11.408	ug/l	76
69) o-Xylene	12.84	106	121886	5.953	ug/l	71
70) Styrene	12.86	104	205701	6.238	ug/l #	89
71) Bromoform	13.03	173	52994	7.241	ug/l	85
73) Isopropylbenzene	13.20	105	315103	5.636	ug/l	99
74) N-amyl acetate	13.06	43	101382	7.683	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	13.50	83	61529	6.789	ug/l	96
76) 1,2,3-Trichloropropane	13.53	75	67069	7.502	ug/l	97
77) Bromobenzene	13.46	156	90445	6.127	ug/l	81
78) n-propylbenzene	13.57	91	411521	5.757	ug/l	94
79) 2-Chlorotoluene	13.64	91	234017	6.113	ug/l	96
80) 1,3,5-Trimethylbenzene	14.03	105	283697	6.571	ug/l	89
81) trans-1,4-Dichloro-2-buten	13.27	75	20804	8.421	ug/l #	88
82) 4-Chlorotoluene	13.75	91	292770	6.747	ug/l	98
83) tert-Butylbenzene	13.99	119	321569	6.545	ug/l	96
84) 1,2,4-Trimethylbenzene	14.03	105	283697	6.380	ug/l	95
85) sec-Butylbenzene	14.17	105	353181	5.894	ug/l	95
86) p-Isopropyltoluene	14.29	119	314647	6.505	ug/l	93
87) 1,3-Dichlorobenzene	14.26	146	153636	5.670	ug/l	96
88) 1,4-Dichlorobenzene	14.34	146	155594	5.827	ug/l	93
89) n-Butylbenzene	14.60	91	301225	6.094	ug/l	97
90) Hexachloroethane	14.81	117	75975	6.394	ug/l	94
91) 1,2-Dichlorobenzene	14.61	146	134732	6.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.18	75	10604	9.960	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	115292	6.666	ug/l	94
94) Hexachlorobutadiene	15.84	225	70162	5.488	ug/l	96
95) Naphthalene	15.92	128	167037	8.125	ug/l	97
96) 1,2,3-Trichlorobenzene	16.07	180	83057	6.143	ug/l	91

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

