

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062548.D
 Acq On : 30 May 2019 12:06
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 31 01:12:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	856339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1154024	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	937043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	525102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	103466	10.29	ug/l	0.00
Spiked Amount			Recovery	=	20.58%	
35) Dibromofluoromethane	6.94	113	104993	9.85	ug/l	0.00
Spiked Amount			Recovery	=	19.70%	
50) Toluene-d8	10.43	98	242493	10.49	ug/l	0.00
Spiked Amount			Recovery	=	20.98%	
62) 4-Bromofluorobenzene	13.57	95	103684	10.01	ug/l	0.00
Spiked Amount			Recovery	=	20.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	99672	9.769	ug/l	87
3) Chloromethane	1.75	50	129238	11.107	ug/l	95
4) Vinyl Chloride	1.86	62	70660	9.011	ug/l	95
5) Bromomethane	2.17	94	18118	7.529	ug/l	95
6) Chloroethane	2.28	64	30608	8.185	ug/l	96
7) Trichlorofluoromethane	2.54	101	146080	8.917	ug/l	97
8) Diethyl Ether	2.88	74	18584	8.829	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.16	101	91239	9.415	ug/l	91
10) Methyl Iodide	3.32	142	67477	6.376	ug/l	98
11) Tert butyl alcohol	4.11	59	22504	48.706	ug/l	97
12) 1,1-Dichloroethene	3.14	96	62253	9.038	ug/l	89
13) Acrolein	3.04	56	9101	45.507	ug/l #	75
14) Allyl chloride	3.63	41	99999	9.274	ug/l	97
15) Acrylonitrile	4.22	53	48175	46.289	ug/l	94
16) Acetone	3.24	43	88435	42.663	ug/l	97
17) Carbon Disulfide	3.39	76	201233	9.194	ug/l	100
18) Methyl Acetate	3.65	43	33771	10.015	ug/l #	91
19) Methyl tert-butyl Ether	4.25	73	151218	9.013	ug/l	95
20) Methylene Chloride	3.83	84	71929	9.901	ug/l	95
21) trans-1,2-Dichloroethene	4.23	96	73855	9.458	ug/l	85
22) Diisopropyl ether	5.14	45	198262	9.133	ug/l	95
23) Vinyl Acetate	5.07	43	588614	44.556	ug/l #	95
24) 1,1-Dichloroethane	5.00	63	126159	8.896	ug/l	97
25) 2-Butanone	6.09	43	86099	45.198	ug/l	97
26) 2,2-Dichloropropane	6.04	77	144911	9.411	ug/l	92
27) cis-1,2-Dichloroethene	6.05	96	74135	9.217	ug/l	85
28) Bromochloromethane	6.46	49	49650	10.556	ug/l	95
29) Tetrahydrofuran	6.49	42	36604	41.795	ug/l	98
30) Chloroform	6.67	83	152472	8.935	ug/l	99
31) Cyclohexane	6.97	56	87010	9.261	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	155674	8.934	ug/l #	87
36) 1,1-Dichloropropene	7.16	75	111239	9.504	ug/l	89
37) Ethyl Acetate	6.20	43	49396	9.451	ug/l #	87
38) Carbon Tetrachloride	7.13	117	163464	9.247	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062548.D
 Acq On : 30 May 2019 12:06
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 31 01:12:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	83156	8.481	ug/l	89
40) Benzene	7.47	78	218115	9.487	ug/l	96
41) Methacrylonitrile	6.46	41	54343	9.276	ug/l #	92
42) 1,2-Dichloroethane	7.59	62	117457	9.151	ug/l	98
43) Isopropyl Acetate	9.25	43	52952	8.545	ug/l #	99
44) Trichloroethene	8.56	130	82530	8.968	ug/l	94
45) 1,2-Dichloropropane	8.95	63	49526	8.770	ug/l	97
46) Dibromomethane	9.08	93	41444	8.798	ug/l	90
47) Bromodichloromethane	9.39	83	118481	9.055	ug/l	95
48) Methyl methacrylate	9.14	41	37464	8.799	ug/l #	88
49) 1,4-Dioxane	9.09	88	5512	159.464	ug/l #	83
51) 4-Methyl-2-Pentanone	10.31	43	195107	44.507	ug/l	100
52) Toluene	10.52	92	140150	8.960	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	101569	9.080	ug/l	91
54) cis-1,3-Dichloropropene	10.05	75	102173	8.836	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	47336	9.101	ug/l #	86
56) Ethyl methacrylate	11.06	69	48969	8.902	ug/l	94
57) 1,3-Dichloropropane	11.42	76	77742	9.869	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	149654	52.488	ug/l	97
59) 2-Hexanone	11.54	43	138190	45.118	ug/l	96
60) Dibromochloromethane	11.70	129	89544	8.875	ug/l	98
61) 1,2-Dibromoethane	11.81	107	52487	8.528	ug/l	93
64) Tetrachloroethene	11.27	164	75205	8.868	ug/l	93
65) Chlorobenzene	12.40	112	174977	9.235	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	84112	9.499	ug/l	97
67) Ethyl Benzene	12.53	91	320532	9.389	ug/l	97
68) m/p-Xylenes	12.67	106	215484	18.585	ug/l	94
69) o-Xylene	13.05	106	102240	9.100	ug/l	85
70) Styrene	13.08	104	181955	9.580	ug/l	98
71) Bromoform	13.24	173	54920	8.908	ug/l #	87
73) Isopropylbenzene	13.41	105	330384	9.463	ug/l	94
74) N-amyl acetate	13.27	43	82106	9.154	ug/l	93
75) 1,1,2,2-Tetrachloroethane	13.70	83	52042	9.096	ug/l	90
76) 1,2,3-Trichloropropane	13.74	75	58413	8.810	ug/l	96
77) Bromobenzene	13.67	156	84069	8.602	ug/l	84
78) n-propylbenzene	13.78	91	362925	8.920	ug/l	96
79) 2-Chlorotoluene	13.84	91	230483	9.676	ug/l	91
80) 1,3,5-Trimethylbenzene	13.94	105	267154	8.822	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	16590	9.249	ug/l #	94
82) 4-Chlorotoluene	13.95	91	262636	9.169	ug/l	89
83) tert-Butylbenzene	14.20	119	306188	9.190	ug/l	97
84) 1,2,4-Trimethylbenzene	14.25	105	277918	9.179	ug/l	99
85) sec-Butylbenzene	14.37	105	326664	9.194	ug/l	98
86) p-Isopropyltoluene	14.50	119	309674	9.267	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	158074	9.265	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	159906	9.557	ug/l	98
89) n-Butylbenzene	14.81	91	277002	9.110	ug/l	96
90) Hexachloroethane	15.01	117	81769	9.156	ug/l	81
91) 1,2-Dichlorobenzene	14.82	146	135863	9.348	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	9736	8.386	ug/l	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
Data File : VD062548.D
Acq On : 30 May 2019 12:06
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: May 31 01:12:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 01:07:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	104071	9.273	ug/l	89
94) Hexachlorobutadiene	16.05	225	69933	8.495	ug/l	96
95) Naphthalene	16.13	128	141856	8.954	ug/l #	97
96) 1,2,3-Trichlorobenzene	16.27	180	74655	8.822	ug/l	96

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

