

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060981.D
 Acq On : 8 Mar 2019 13:58
 Operator : VA/AP
 Sample : VD0308SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Quant Time: Mar 08 23:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	749016	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1321205	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1101373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	461946	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	301323	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
35) Dibromofluoromethane	6.91	113	466580	47.59	ug/l	-0.01
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.40	98	1145894	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
62) 4-Bromofluorobenzene	13.55	95	445921	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	153744	20.722	ug/l	99
3) Chloromethane	1.76	50	136595	22.100	ug/l	99
4) Vinyl Chloride	1.85	62	123201	21.572	ug/l	98
5) Bromomethane	2.15	94	17645	14.866	ug/l	97
6) Chloroethane	2.27	64	28847	16.875	ug/l	91
7) Trichlorofluoromethane	2.53	101	175420	21.382	ug/l	98
8) Diethyl Ether	2.88	74	60943	22.517	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.14	101	183754	20.033	ug/l	99
10) Methyl Iodide	3.31	142	231780	20.206	ug/l	98
11) Tert butyl alcohol	4.07	59	33253	83.779	ug/l	99
12) 1,1-Dichloroethene	3.12	96	155922	20.738	ug/l	96
13) Acrolein	3.04	56	58959	102.663	ug/l	97
14) Allyl chloride	3.62	41	239316	19.894	ug/l	98
15) Acrylonitrile	4.19	53	149116	106.298	ug/l	98
16) Acetone	3.22	43	163192	91.533	ug/l	99
17) Carbon Disulfide	3.37	76	497380	19.611	ug/l	99
18) Methyl Acetate	3.64	43	66584	18.977	ug/l	92
19) Methyl tert-butyl Ether	4.24	73	277285	21.044	ug/l	96
20) Methylene Chloride	3.81	84	168496	17.716	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	171888	21.122	ug/l	94
22) Diisopropyl ether	5.11	45	508025	20.343	ug/l	98
23) Vinyl Acetate	5.04	43	1310777	102.249	ug/l	100
24) 1,1-Dichloroethane	4.97	63	281276	20.557	ug/l	100
25) 2-Butanone	6.06	43	211694	104.640	ug/l	100
26) 2,2-Dichloropropane	6.02	77	216779	20.295	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	187836	21.755	ug/l	99
28) Bromochloromethane	6.43	49	107945	18.636	ug/l	97
29) Tetrahydrofuran	6.44	42	103119	93.871	ug/l	98
30) Chloroform	6.66	83	265102	18.695	ug/l	99
31) Cyclohexane	6.94	56	244477	22.160	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	246026	20.067	ug/l	94
36) 1,1-Dichloropropene	7.14	75	217321	19.082	ug/l	100
37) Ethyl Acetate	6.17	43	93992	17.587	ug/l	98
38) Carbon Tetrachloride	7.10	117	231889	18.485	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060981.D
 Acq On : 8 Mar 2019 13:58
 Operator : VA/AP
 Sample : VD0308SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Quant Time: Mar 08 23:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	224427	19.005	ug/l	97
40) Benzene	7.45	78	548385	19.270	ug/l	99
41) Methacrylonitrile	6.44	41	114232	18.583	ug/l #	92
42) 1,2-Dichloroethane	7.56	62	155156	18.788	ug/l	100
43) Isopropyl Acetate	9.23	43	147603	19.941	ug/l #	97
44) Trichloroethene	8.53	130	189226	19.274	ug/l	98
45) 1,2-Dichloropropane	8.93	63	142610	19.075	ug/l	98
46) Dibromomethane	9.05	93	96065	20.257	ug/l	95
47) Bromodichloromethane	9.37	83	205500	19.202	ug/l	98
48) Methyl methacrylate	9.11	41	79755	19.137	ug/l	98
49) 1,4-Dioxane	9.07	88	17948	425.894	ug/l	97
51) 4-Methyl-2-Pentanone	10.29	43	410650	90.558	ug/l	99
52) Toluene	10.50	92	347835	19.656	ug/l	100
53) t-1,3-Dichloropropene	10.90	75	189927	19.409	ug/l	97
54) cis-1,3-Dichloropropene	10.02	75	232506	19.775	ug/l	97
55) 1,1,2-Trichloroethane	11.18	97	120143	20.387	ug/l	97
56) Ethyl methacrylate	11.03	69	123228	19.977	ug/l	98
57) 1,3-Dichloropropane	11.39	76	186733	21.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	315215	96.542	ug/l	99
59) 2-Hexanone	11.52	43	325142	98.020	ug/l	99
60) Dibromochloromethane	11.68	129	169242	19.514	ug/l	98
61) 1,2-Dibromoethane	11.80	107	136595	19.925	ug/l	99
64) Tetrachloroethene	11.25	164	157237	21.149	ug/l	95
65) Chlorobenzene	12.39	112	433413	20.073	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	145332	18.883	ug/l	96
67) Ethyl Benzene	12.52	91	613913	19.099	ug/l	100
68) m/p-Xylenes	12.66	106	518986	41.135	ug/l	98
69) o-Xylene	13.05	106	247120	19.926	ug/l	97
70) Styrene	13.07	104	393571	19.435	ug/l	98
71) Bromoform	13.22	173	97030	19.543	ug/l #	95
73) Isopropylbenzene	13.40	105	660344	19.835	ug/l	99
74) N-amyl acetate	13.26	43	181665	19.379	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	121583	18.718	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	127239	19.145	ug/l	100
77) Bromobenzene	13.67	156	180420	21.230	ug/l	90
78) n-propylbenzene	13.77	91	797881	20.472	ug/l	100
79) 2-Chlorotoluene	13.83	91	455081	21.209	ug/l	100
80) 1,3,5-Trimethylbenzene	14.23	105	544673	21.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	37002	18.885	ug/l	95
82) 4-Chlorotoluene	13.94	91	534011	21.052	ug/l	98
83) tert-Butylbenzene	14.19	119	648537	23.448	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	544673	21.551	ug/l	100
85) sec-Butylbenzene	14.37	105	714249	21.153	ug/l	100
86) p-Isopropyltoluene	14.48	119	547834	19.849	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	321894	21.212	ug/l	100
88) 1,4-Dichlorobenzene	14.53	146	320822	21.514	ug/l	100
89) n-Butylbenzene	14.79	91	557619	21.038	ug/l	99
90) Hexachloroethane	15.01	117	162439	20.842	ug/l	95
91) 1,2-Dichlorobenzene	14.80	146	277221	21.913	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14046	17.945	ug/l	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060981.D
Acq On : 8 Mar 2019 13:58
Operator : VA/AP
Sample : VD0308SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

Quant Time: Mar 08 23:04:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	122387	20.854	ug/l	97
94) Hexachlorobutadiene	16.03	225	93684	21.105	ug/l	97
95) Naphthalene	16.12	128	193357	21.681	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	60290	20.800	ug/l	96

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

