

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060355.D
 Acq On : 13 Nov 2018 12:41
 Operator : JC/SY
 Sample : VD1113SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 11:09:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1563709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2153794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1736082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	905523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	560010	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	6.33	113	798739	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	9.46	98	2338370	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.44	95	828394	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	316196	23.337	ug/l	98
3) Chloromethane	1.77	50	289435	19.541	ug/l	97
4) Vinyl Chloride	1.86	62	242203	20.023	ug/l	95
5) Bromomethane	2.15	94	46153	16.082	ug/l	100
6) Chloroethane	2.27	64	69624	17.347	ug/l	100
7) Trichlorofluoromethane	2.52	101	288977	20.263	ug/l	95
8) Diethyl Ether	2.83	74	49117	19.022	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.10	101	192122	20.482	ug/l	99
10) Methyl Iodide	3.25	142	214353	17.595	ug/l	98
11) Tert butyl alcohol	3.98	59	40091	87.199	ug/l	98
12) 1,1-Dichloroethene	3.09	96	152606	20.001	ug/l	94
13) Acrolein	3.00	56	41685	76.731	ug/l	97
14) Allyl chloride	3.54	41	295916	20.270	ug/l	96
15) Acrylonitrile	4.10	53	253443	94.529	ug/l	99
16) Acetone	3.16	43	187988	96.794	ug/l	98
17) Carbon Disulfide	3.32	76	478414	19.426	ug/l	99
18) Methyl Acetate	3.57	43	72918	17.608	ug/l	99
19) Methyl tert-butyl Ether	4.14	73	449577	19.678	ug/l	99
20) Methylene Chloride	3.73	84	392216	22.766	ug/l	97
21) trans-1,2-Dichloroethene	4.11	96	348639	20.579	ug/l	98
22) Diisopropyl ether	4.87	45	1128038	20.682	ug/l	99
23) Vinyl Acetate	4.82	43	2815556	103.744	ug/l	99
24) 1,1-Dichloroethane	4.77	63	589080	21.062	ug/l	99
25) 2-Butanone	5.64	43	406082	100.594	ug/l	100
26) 2,2-Dichloropropane	5.60	77	471010	21.661	ug/l	98
27) cis-1,2-Dichloroethene	5.61	96	365865	20.730	ug/l	95
28) Bromochloromethane	5.94	49	244672	19.826	ug/l	90
29) Tetrahydrofuran	5.97	42	206525	97.036	ug/l	100
30) Chloroform	6.11	83	597125	21.356	ug/l	96
31) Cyclohexane	6.37	56	531180	19.870	ug/l	99
32) 1,1,1-Trichloroethane	6.30	97	470046	19.957	ug/l	99
36) 1,1-Dichloropropene	6.53	75	465462	21.875	ug/l	96
37) Ethyl Acetate	5.70	43	195023	19.918	ug/l	99
38) Carbon Tetrachloride	6.51	117	414886	21.019	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060355.D
 Acq On : 13 Nov 2018 12:41
 Operator : JC/SY
 Sample : VD1113SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 11:09:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	513674	20.989	ug/l	98
40) Benzene	6.81	78	1185898	21.833	ug/l	100
41) Methacrylonitrile	5.96	41	223315	19.927	ug/l #	96
42) 1,2-Dichloroethane	6.90	62	292822	20.597	ug/l	98
43) Isopropyl Acetate	8.36	43	235904	19.180	ug/l #	97
44) Trichloroethene	7.75	130	351567	21.352	ug/l	100
45) 1,2-Dichloropropane	8.11	63	287906	21.017	ug/l	97
46) Dibromomethane	8.22	93	162694	20.278	ug/l	95
47) Bromodichloromethane	8.50	83	394714	20.878	ug/l	99
48) Methyl methacrylate	8.25	41	144611	19.357	ug/l	96
49) 1,4-Dioxane	8.25	88	26501	409.974	ug/l	89
51) 4-Methyl-2-Pentanone	9.35	43	777166	97.083	ug/l	100
52) Toluene	9.56	92	737866	21.267	ug/l	98
53) t-1,3-Dichloropropene	9.93	75	328054	20.537	ug/l	100
54) cis-1,3-Dichloropropene	9.12	75	422731	20.633	ug/l	96
55) 1,1,2-Trichloroethane	10.19	97	201225	20.010	ug/l	97
56) Ethyl methacrylate	10.04	69	174963	18.923	ug/l	97
57) 1,3-Dichloropropane	10.40	76	313020	20.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.93	63	571594	102.240	ug/l	96
59) 2-Hexanone	10.50	43	598174	104.840	ug/l	99
60) Dibromochloromethane	10.65	129	249717	20.428	ug/l	100
61) 1,2-Dibromoethane	10.77	107	195559	19.409	ug/l	95
64) Tetrachloroethene	10.26	164	328615	21.203	ug/l	96
65) Chlorobenzene	11.32	112	795866	21.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	265508	21.573	ug/l	98
67) Ethyl Benzene	11.44	91	1397288	21.715	ug/l	99
68) m/p-Xylenes	11.58	106	1043976	43.981	ug/l	100
69) o-Xylene	11.94	106	482916	21.059	ug/l	97
70) Styrene	11.96	104	765465	20.655	ug/l	96
71) Bromoform	12.12	173	161386	19.514	ug/l #	99
73) Isopropylbenzene	12.29	105	1336046	20.251	ug/l	98
74) N-amyl acetate	12.14	43	294804	17.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	212394	19.685	ug/l	98
76) 1,2,3-Trichloropropane	12.60	75	206909	19.101	ug/l	98
77) Bromobenzene	12.55	156	350536	20.003	ug/l	90
78) n-propylbenzene	12.64	91	1659744	20.155	ug/l	96
79) 2-Chlorotoluene	12.71	91	932129	20.667	ug/l	95
80) 1,3,5-Trimethylbenzene	12.80	105	1055016	20.577	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	56400	18.289	ug/l	93
82) 4-Chlorotoluene	12.82	91	1049504	20.715	ug/l	94
83) tert-Butylbenzene	13.06	119	1208825	21.236	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	1070252	20.901	ug/l	96
85) sec-Butylbenzene	13.23	105	1420563	20.341	ug/l	96
86) p-Isopropyltoluene	13.35	119	1195842	21.263	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	647446	20.766	ug/l	95
88) 1,4-Dichlorobenzene	13.40	146	631534	20.740	ug/l	98
89) n-Butylbenzene	13.66	91	1247376	20.185	ug/l	97
90) Hexachloroethane	13.86	117	268583	20.140	ug/l	91
91) 1,2-Dichlorobenzene	13.67	146	534299	20.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25534	19.605	ug/l	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
Data File : VD060355.D
Acq On : 13 Nov 2018 12:41
Operator : JC/SY
Sample : VD1113SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 14 11:09:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	401041	19.751	ug/l	99
94) Hexachlorobutadiene	14.89	225	313082	20.615	ug/l	97
95) Naphthalene	14.97	128	478730	19.309	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	328029	20.161	ug/l	98

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

