

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062500.D
 Acq On : 22 May 2019 13:40
 Operator : VA/AP
 Sample : VD0522SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

Quant Time: May 23 03:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	690374	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	945422	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	783753	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	418846	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	410526	55.55	ug/l	-0.03
Spiked Amount 50.000			Recovery =	111.10%		
35) Dibromofluoromethane	6.90	113	451877	52.98	ug/l	-0.04
Spiked Amount 50.000			Recovery =	105.96%		
50) Toluene-d8	10.40	98	978390	52.42	ug/l	-0.03
Spiked Amount 50.000			Recovery =	104.84%		
62) 4-Bromofluorobenzene	13.55	95	431881	52.90	ug/l	-0.02
Spiked Amount 50.000			Recovery =	105.80%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	172358	24.019	ug/l	99
3) Chloromethane	1.75	50	97365	20.358	ug/l	94
4) Vinyl Chloride	1.85	62	86018	17.092	ug/l	94
5) Bromomethane	2.14	94	36261	16.697	ug/l	98
6) Chloroethane	2.24	64	30265	12.431	ug/l	98
7) Trichlorofluoromethane	2.51	101	127714	10.983	ug/l	95
8) Diethyl Ether	2.86	74	20071	12.795	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	3.13	101	93090	13.456	ug/l	87
10) Methyl Iodide	3.29	142	148221	15.366	ug/l	89
11) Tert butyl alcohol	4.08	59	25460	74.639	ug/l	97
12) 1,1-Dichloroethene	3.12	96	72929	14.264	ug/l	96
13) Acrolein	3.02	56	19251	67.959	ug/l	91
14) Allyl chloride	3.60	41	112720	14.952	ug/l #	79
15) Acrylonitrile	4.19	53	60966	77.998	ug/l	94
16) Acetone	3.21	43	81623	61.636	ug/l	99
17) Carbon Disulfide	3.35	76	242191	15.641	ug/l	100
18) Methyl Acetate	3.64	43	34326	15.021	ug/l	93
19) Methyl tert-butyl Ether	4.23	73	182229	15.432	ug/l #	90
20) Methylene Chloride	3.79	84	99311	12.941	ug/l	94
21) trans-1,2-Dichloroethene	4.20	96	92520	15.458	ug/l	98
22) Diisopropyl ether	5.10	45	257568	16.052	ug/l #	88
23) Vinyl Acetate	5.03	43	754485	77.815	ug/l	97
24) 1,1-Dichloroethane	4.96	63	160985	15.578	ug/l	97
25) 2-Butanone	6.06	43	146545	105.804	ug/l	95
26) 2,2-Dichloropropane	6.01	77	232094	20.834	ug/l	89
27) cis-1,2-Dichloroethene	6.02	96	132099	20.468	ug/l	90
28) Bromochloromethane	6.42	49	78043	21.041	ug/l	88
29) Tetrahydrofuran	6.44	42	64743	97.874	ug/l	98
30) Chloroform	6.65	83	276511	20.988	ug/l	94
31) Cyclohexane	6.93	56	145172	20.805	ug/l	89
32) 1,1,1-Trichloroethane	6.85	97	281925	21.195	ug/l	98
36) 1,1-Dichloropropene	7.13	75	198629	21.975	ug/l	99
37) Ethyl Acetate	6.18	43	74532	21.226	ug/l #	93
38) Carbon Tetrachloride	7.09	117	277811	20.680	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062500.D
 Acq On : 22 May 2019 13:40
 Operator : VA/AP
 Sample : VD0522SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBSD01

Quant Time: May 23 03:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	164232	22.029	ug/l	98
40) Benzene	7.44	78	389870	21.989	ug/l	98
41) Methacrylonitrile	6.42	41	85638	19.419	ug/l #	88
42) 1,2-Dichloroethane	7.56	62	185801	19.790	ug/l	88
43) Isopropyl Acetate	9.23	43	102845	22.078	ug/l	91
44) Trichloroethene	8.53	130	154199	21.722	ug/l	92
45) 1,2-Dichloropropane	8.92	63	86538	20.029	ug/l	98
46) Dibromomethane	9.05	93	76544	19.544	ug/l #	87
47) Bromodichloromethane	9.36	83	204717	20.547	ug/l	98
48) Methyl methacrylate	9.11	41	61668	19.672	ug/l	84
49) 1,4-Dioxane	9.07	88	9999	355.606	ug/l	93
51) 4-Methyl-2-Pentanone	10.29	43	316438	102.827	ug/l	91
52) Toluene	10.50	92	256615	21.142	ug/l	97
53) t-1,3-Dichloropropene	10.90	75	176165	21.237	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	172139	19.888	ug/l #	86
55) 1,1,2-Trichloroethane	11.17	97	89161	21.674	ug/l	99
56) Ethyl methacrylate	11.03	69	91331	20.768	ug/l #	79
57) 1,3-Dichloropropane	11.39	76	134583	21.333	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.84	63	246985	109.375	ug/l	99
59) 2-Hexanone	11.52	43	245520	109.775	ug/l	92
60) Dibromochloromethane	11.68	129	164786	20.856	ug/l	97
61) 1,2-Dibromoethane	11.79	107	103457	20.407	ug/l	99
64) Tetrachloroethene	11.24	164	141049	21.494	ug/l	93
65) Chlorobenzene	12.39	112	318799	21.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	146236	21.019	ug/l	93
67) Ethyl Benzene	12.51	91	573894	22.107	ug/l	95
68) m/p-Xylenes	12.66	106	407741	43.755	ug/l	93
69) o-Xylene	13.03	106	189379	21.539	ug/l	83
70) Styrene	13.06	104	324556	21.698	ug/l	97
71) Bromoform	13.22	173	94832	20.525	ug/l	99
73) Isopropylbenzene	13.39	105	505961	19.164	ug/l	94
74) N-amyl acetate	13.25	43	127404	19.538	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.69	83	101957	21.406	ug/l	96
76) 1,2,3-Trichloropropane	13.72	75	106893	21.667	ug/l	99
77) Bromobenzene	13.66	156	156302	20.870	ug/l	95
78) n-propylbenzene	13.76	91	682137	22.305	ug/l	96
79) 2-Chlorotoluene	13.83	91	399803	21.542	ug/l	93
80) 1,3,5-Trimethylbenzene	13.92	105	458503	20.057	ug/l	88
81) trans-1,4-Dichloro-2-buten	13.47	75	27923	20.068	ug/l #	63
82) 4-Chlorotoluene	13.94	91	461842	21.608	ug/l	90
83) tert-Butylbenzene	14.18	119	530874	20.936	ug/l	87
84) 1,2,4-Trimethylbenzene	14.23	105	473538	20.216	ug/l	89
85) sec-Butylbenzene	14.35	105	552541	20.898	ug/l	93
86) p-Isopropyltoluene	14.48	119	505474	21.096	ug/l	92
87) 1,3-Dichlorobenzene	14.44	146	262065	19.814	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	264201	20.701	ug/l	96
89) n-Butylbenzene	14.79	91	455107	19.681	ug/l	90
90) Hexachloroethane	15.00	117	138214	20.872	ug/l	64
91) 1,2-Dichlorobenzene	14.80	146	235718	20.959	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	17768	19.653	ug/l	58

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062500.D
Acq On : 22 May 2019 13:40
Operator : VA/AP
Sample : VD0522SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Quant Time: May 23 03:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	185203	20.914	ug/l	94
94) Hexachlorobutadiene	16.03	225	140399	21.472	ug/l	93
95) Naphthalene	16.11	128	253638	20.962	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	139578	19.227	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052219\
Data File : VD062500.D
Acq On : 22 May 2019 13:40
Operator : VA/AP
Sample : VD0522SBSD01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Quant Time: May 23 03:12:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

