

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063482.D
 Acq On : 12 Aug 2019 12:49
 Operator : JC/SY
 Sample : VD0812SBSD01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Quant Time: Aug 12 13:34:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1129498	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1554286	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1398835	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	658237	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	702425	58.18	ug/l	-0.02
Spiked Amount			Recovery	=	116.36%	
35) Dibromofluoromethane	6.91	113	732093	55.93	ug/l	-0.02
Spiked Amount			Recovery	=	111.86%	
50) Toluene-d8	10.41	98	1722937	59.87	ug/l	-0.01
Spiked Amount			Recovery	=	119.74%	
62) 4-Bromofluorobenzene	13.55	95	680859	52.20	ug/l	-0.01
Spiked Amount			Recovery	=	104.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	278248	20.362	ug/l	96
3) Chloromethane	1.74	50	228654	21.417	ug/l	99
4) Vinyl Chloride	1.84	62	220521	20.806	ug/l	93
5) Bromomethane	2.14	94	94791	18.954	ug/l	95
6) Chloroethane	2.25	64	96741	19.960	ug/l	99
7) Trichlorofluoromethane	2.52	101	446727	21.488	ug/l	95
8) Diethyl Ether	2.87	74	59876	20.399	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.14	101	243067	19.801	ug/l	92
10) Methyl Iodide	3.29	142	306150	17.626	ug/l #	94
11) Tert butyl alcohol	4.08	59	57295	109.012	ug/l	98
12) 1,1-Dichloroethene	3.11	96	173233	18.981	ug/l #	82
13) Acrolein	3.02	56	54484	105.316	ug/l	90
14) Allyl chloride	3.60	41	297955	21.716	ug/l	97
15) Acrylonitrile	4.19	53	144808	104.018	ug/l	98
16) Acetone	3.21	43	240775	98.103	ug/l	96
17) Carbon Disulfide	3.36	76	598779	20.788	ug/l	98
18) Methyl Acetate	3.63	43	92503	19.898	ug/l	95
19) Methyl tert-butyl Ether	4.23	73	399955	21.912	ug/l	99
20) Methylene Chloride	3.80	84	211340	19.914	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	205126	21.358	ug/l	98
22) Diisopropyl ether	5.11	45	587885	20.764	ug/l #	95
23) Vinyl Acetate	5.05	43	1736735	105.517	ug/l	99
24) 1,1-Dichloroethane	4.97	63	379962	21.638	ug/l	99
25) 2-Butanone	6.07	43	245401	101.240	ug/l	98
26) 2,2-Dichloropropane	6.01	77	384310	21.973	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	219879	20.925	ug/l	83
28) Bromochloromethane	6.42	49	142628	20.041	ug/l	93
29) Tetrahydrofuran	6.45	42	119902	106.155	ug/l	96
30) Chloroform	6.66	83	458098	20.988	ug/l	99
31) Cyclohexane	6.94	56	218457	20.039	ug/l	91
32) 1,1,1-Trichloroethane	6.85	97	439520	21.051	ug/l	97
36) 1,1-Dichloropropene	7.13	75	289853	21.095	ug/l	94
37) Ethyl Acetate	6.17	43	129216	22.443	ug/l #	89
38) Carbon Tetrachloride	7.10	117	409458	19.773	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063482.D
 Acq On : 12 Aug 2019 12:49
 Operator : JC/SY
 Sample : VD0812SBSD01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0812SBSD01

Quant Time: Aug 12 13:34:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	242918	20.791	ug/l	94
40) Benzene	7.44	78	653554	21.614	ug/l	95
41) Methacrylonitrile	6.45	41	164645	22.711	ug/l #	94
42) 1,2-Dichloroethane	7.57	62	319261	20.998	ug/l	98
43) Isopropyl Acetate	9.24	43	171055	22.183	ug/l #	97
44) Trichloroethene	8.54	130	250727	21.694	ug/l	92
45) 1,2-Dichloropropane	8.93	63	151779	21.555	ug/l	96
46) Dibromomethane	9.06	93	125615	20.889	ug/l	85
47) Bromodichloromethane	9.36	83	331269	21.476	ug/l	99
48) Methyl methacrylate	9.12	41	106646	20.393	ug/l	88
49) 1,4-Dioxane	9.08	88	21292	469.397	ug/l	92
51) 4-Methyl-2-Pentanone	10.30	43	544079	103.112	ug/l	99
52) Toluene	10.51	92	410312	21.068	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	284515	22.602	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	298954	21.062	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	135247	20.558	ug/l	94
56) Ethyl methacrylate	11.04	69	144784	20.276	ug/l	88
57) 1,3-Dichloropropane	11.40	76	217341	21.856	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.85	63	398365	105.673	ug/l	100
59) 2-Hexanone	11.53	43	431198	112.309	ug/l	94
60) Dibromochloromethane	11.68	129	273353	22.834	ug/l	99
61) 1,2-Dibromoethane	11.80	107	172426	21.650	ug/l	93
64) Tetrachloroethene	11.25	164	218013	20.189	ug/l	96
65) Chlorobenzene	12.40	112	509866	19.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	232371	20.139	ug/l	94
67) Ethyl Benzene	12.51	91	903741	19.825	ug/l	97
68) m/p-Xylenes	12.66	106	634841	39.639	ug/l	95
69) o-Xylene	13.05	106	301023	19.528	ug/l	95
70) Styrene	13.07	104	499297	18.210	ug/l	99
71) Bromoform	13.23	173	158936	20.089	ug/l	100
73) Isopropylbenzene	13.40	105	967690	23.113	ug/l	96
74) N-amyl acetate	13.26	43	225029	21.411	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	153073	22.027	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	167268	22.142	ug/l	93
77) Bromobenzene	13.67	156	250089	21.856	ug/l	89
78) n-propylbenzene	13.77	91	1014563	20.711	ug/l	100
79) 2-Chlorotoluene	13.83	91	609463	21.578	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	777636	21.258	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	39435	19.422	ug/l	93
82) 4-Chlorotoluene	13.94	91	703972	20.727	ug/l	97
83) tert-Butylbenzene	14.19	119	853947	22.168	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	785947	23.220	ug/l	95
85) sec-Butylbenzene	14.36	105	952950	23.294	ug/l	100
86) p-Isopropyltoluene	14.48	119	883090	22.577	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	495282	23.930	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	434897	21.901	ug/l	100
89) n-Butylbenzene	14.80	91	816784	22.879	ug/l	96
90) Hexachloroethane	15.00	117	236626	24.068	ug/l	96
91) 1,2-Dichlorobenzene	14.81	146	410740	23.390	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	27838	21.275	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
Data File : VD063482.D
Acq On : 12 Aug 2019 12:49
Operator : JC/SY
Sample : VD0812SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBSD01

Quant Time: Aug 12 13:34:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	291578	22.566	ug/l	98
94) Hexachlorobutadiene	16.04	225	220672	22.408	ug/l	93
95) Naphthalene	16.12	128	443220	22.634	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	233070	22.333	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063482.D
 Acq On : 12 Aug 2019 12:49
 Operator : JC/SY
 Sample : VD0812SBSD01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBSD01

Quant Time: Aug 12 13:34:12 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

