

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063288.D
 Acq On : 1 Aug 2019 11:56
 Operator : VA/AP
 Sample : VD0801SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBSD01

Quant Time: Aug 02 07:23:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1043928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1505602	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1198117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	673949	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	558495	48.22	ug/l	0.00
Spiked Amount						
			Recovery	=	96.44%	
35) Dibromofluoromethane	6.92	113	631048	49.09	ug/l	0.00
Spiked Amount						
			Recovery	=	98.18%	
50) Toluene-d8	10.40	98	1370516	47.64	ug/l	0.00
Spiked Amount						
			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	13.55	95	617387	47.09	ug/l	0.00
Spiked Amount						
			Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	275120	21.560	ug/l	94
3) Chloromethane	1.74	50	210182	21.200	ug/l	97
4) Vinyl Chloride	1.84	62	216021	21.048	ug/l	94
5) Bromomethane	2.13	94	86157	16.644	ug/l	94
6) Chloroethane	2.24	64	96625	20.391	ug/l	91
7) Trichlorofluoromethane	2.52	101	401767	20.178	ug/l	95
8) Diethyl Ether	2.86	74	50026	17.952	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.13	101	240901	21.841	ug/l	98
10) Methyl Iodide	3.29	142	288355	18.098	ug/l	94
11) Tert butyl alcohol	4.07	59	40721	80.107	ug/l #	94
12) 1,1-Dichloroethene	3.11	96	179491	22.167	ug/l	90
13) Acrolein	3.03	56	42896	87.682	ug/l	93
14) Allyl chloride	3.60	41	264102	20.475	ug/l	96
15) Acrylonitrile	4.19	53	120257	91.249	ug/l	96
16) Acetone	3.21	43	204406	90.570	ug/l	100
17) Carbon Disulfide	3.35	76	543801	20.065	ug/l #	94
18) Methyl Acetate	3.63	43	86952	20.058	ug/l	94
19) Methyl tert-butyl Ether	4.22	73	347634	19.007	ug/l	99
20) Methylene Chloride	3.80	84	183896	20.158	ug/l	88
21) trans-1,2-Dichloroethene	4.20	96	183910	20.243	ug/l	97
22) Diisopropyl ether	5.11	45	529490	20.546	ug/l	98
23) Vinyl Acetate	5.04	43	1539784	97.200	ug/l	99
24) 1,1-Dichloroethane	4.97	63	333899	20.284	ug/l	96
25) 2-Butanone	6.06	43	215191	95.008	ug/l	97
26) 2,2-Dichloropropane	6.00	77	356473	21.014	ug/l	92
27) cis-1,2-Dichloroethene	6.02	96	204839	21.029	ug/l	95
28) Bromochloromethane	6.43	49	130328	19.871	ug/l	94
29) Tetrahydrofuran	6.45	42	100980	94.167	ug/l	97
30) Chloroform	6.65	83	427842	20.943	ug/l	99
31) Cyclohexane	6.94	56	221749	21.492	ug/l	97
32) 1,1,1-Trichloroethane	6.86	97	388712	19.672	ug/l	96
36) 1,1-Dichloropropene	7.13	75	273674	19.917	ug/l	99
37) Ethyl Acetate	6.17	43	111029	17.986	ug/l #	91
38) Carbon Tetrachloride	7.09	117	398927	19.285	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063288.D
 Acq On : 1 Aug 2019 11:56
 Operator : VA/AP
 Sample : VD0801SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBSD01

Quant Time: Aug 02 07:23:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	228757	19.982	ug/l	93
40) Benzene	7.44	78	588383	20.432	ug/l	98
41) Methacrylonitrile	6.45	41	135715	18.379	ug/l #	95
42) 1,2-Dichloroethane	7.57	62	307033	20.117	ug/l	95
43) Isopropyl Acetate	9.23	43	150232	19.052	ug/l #	91
44) Trichloroethene	8.53	130	231768	19.862	ug/l	93
45) 1,2-Dichloropropane	8.93	63	140697	19.222	ug/l	95
46) Dibromomethane	9.05	93	119190	19.584	ug/l #	87
47) Bromodichloromethane	9.37	83	311473	20.077	ug/l	100
48) Methyl methacrylate	9.11	41	86989	17.009	ug/l	91
49) 1,4-Dioxane	9.07	88	15289	350.233	ug/l #	88
51) 4-Methyl-2-Pentanone	10.29	43	493499	92.023	ug/l	99
52) Toluene	10.50	92	410996	21.458	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	244151	18.254	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	270782	19.263	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	127905	19.773	ug/l	96
56) Ethyl methacrylate	11.03	69	132485	18.704	ug/l	95
57) 1,3-Dichloropropane	11.40	76	174902	17.161	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.84	63	332712	90.269	ug/l	94
59) 2-Hexanone	11.52	43	360427	93.263	ug/l	94
60) Dibromochloromethane	11.67	129	227053	18.593	ug/l	92
61) 1,2-Dibromoethane	11.80	107	150390	18.841	ug/l	95
64) Tetrachloroethene	11.25	164	194791	20.408	ug/l	91
65) Chlorobenzene	12.39	112	488156	21.183	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.51	131	214510	21.132	ug/l	97
67) Ethyl Benzene	12.52	91	818633	20.911	ug/l	99
68) m/p-Xylenes	12.66	106	580539	40.436	ug/l	94
69) o-Xylene	13.04	106	292583	22.192	ug/l	99
70) Styrene	13.06	104	494047	21.130	ug/l	95
71) Bromoform	13.23	173	147589	19.993	ug/l #	97
73) Isopropylbenzene	13.40	105	903440	21.358	ug/l	100
74) N-amyl acetate	13.26	43	211857	18.946	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	133786	18.620	ug/l	90
76) 1,2,3-Trichloropropane	13.73	75	147873	18.267	ug/l	99
77) Bromobenzene	13.66	156	229747	19.067	ug/l	92
78) n-propylbenzene	13.77	91	972274	19.315	ug/l	100
79) 2-Chlorotoluene	13.84	91	561404	19.248	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	747245	20.482	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	38670	17.203	ug/l	94
82) 4-Chlorotoluene	13.94	91	713869	20.797	ug/l	89
83) tert-Butylbenzene	14.18	119	827758	19.871	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	733044	19.426	ug/l	99
85) sec-Butylbenzene	14.36	105	828203	18.871	ug/l	96
86) p-Isopropyltoluene	14.49	119	844554	20.162	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	425246	19.928	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	403827	18.714	ug/l	94
89) n-Butylbenzene	14.79	91	794855	21.970	ug/l	98
90) Hexachloroethane	15.00	117	202784	18.581	ug/l	95
91) 1,2-Dichlorobenzene	14.80	146	390589	21.008	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	24078	16.452	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\
Data File : VD063288.D
Acq On : 1 Aug 2019 11:56
Operator : VA/AP
Sample : VD0801SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBSD01

Quant Time: Aug 02 07:23:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	291812	19.785	ug/l	96
94) Hexachlorobutadiene	16.03	225	204926	19.172	ug/l	97
95) Naphthalene	16.12	128	369007	17.701	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	209498	17.980	ug/l	99

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

