

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063076.D
 Acq On : 15 Jul 2019 10:57
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 16 07:28:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:23:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	823044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1028813	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	867016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	482677	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	109799	11.94	ug/l	-0.01
Spiked Amount			Recovery	=	23.88%	
35) Dibromofluoromethane	6.91	113	116493	13.05	ug/l	0.00
Spiked Amount			Recovery	=	26.10%	
50) Toluene-d8	10.40	98	247750	12.97	ug/l	0.00
Spiked Amount			Recovery	=	25.94%	
62) 4-Bromofluorobenzene	13.55	95	117351	13.40	ug/l	0.00
Spiked Amount			Recovery	=	26.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	112871	10.890	ug/l	88
3) Chloromethane	1.74	50	88282	11.146	ug/l	100
4) Vinyl Chloride	1.84	62	94562	12.061	ug/l	98
5) Bromomethane	2.15	94	44768	12.526	ug/l	96
6) Chloroethane	2.27	64	45025	12.586	ug/l #	74
7) Trichlorofluoromethane	2.52	101	170763	10.570	ug/l	99
8) Diethyl Ether	2.86	74	24002	11.769	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.14	101	108586	12.507	ug/l	99
10) Methyl Iodide	3.30	142	115847	10.132	ug/l	98
11) Tert butyl alcohol	4.07	59	23844	54.241	ug/l #	83
12) 1,1-Dichloroethene	3.12	96	71654	11.060	ug/l	97
13) Acrolein	3.02	56	11544	31.355	ug/l	90
14) Allyl chloride	3.60	41	104827	10.736	ug/l	91
15) Acrylonitrile	4.19	53	60414	60.567	ug/l	96
16) Acetone	3.22	43	98814	46.327	ug/l	97
17) Carbon Disulfide	3.36	76	204567	10.082	ug/l	99
18) Methyl Acetate	3.63	43	49724	17.865	ug/l #	89
19) Methyl tert-butyl Ether	4.22	73	168454	11.623	ug/l	95
20) Methylene Chloride	3.79	84	111590	15.748	ug/l #	95
21) trans-1,2-Dichloroethene	4.21	96	76775	11.077	ug/l	92
22) Diisopropyl ether	5.11	45	237491	11.722	ug/l	99
23) Vinyl Acetate	5.04	43	669773	53.066	ug/l #	96
24) 1,1-Dichloroethane	4.97	63	149736	11.514	ug/l #	95
25) 2-Butanone	6.07	43	102840	58.002	ug/l #	91
26) 2,2-Dichloropropane	6.02	77	168191	12.153	ug/l	95
27) cis-1,2-Dichloroethene	6.03	96	89744	11.927	ug/l	89
28) Bromochloromethane	6.42	49	55913	12.032	ug/l	92
29) Tetrahydrofuran	6.44	42	49302	59.145	ug/l	98
30) Chloroform	6.65	83	188699	11.953	ug/l	95
31) Cyclohexane	6.94	56	97976	11.653	ug/l	93
32) 1,1,1-Trichloroethane	6.86	97	185779	11.434	ug/l	98
36) 1,1-Dichloropropene	7.14	75	121227	12.433	ug/l	88
37) Ethyl Acetate	6.17	43	51291	11.218	ug/l #	92
38) Carbon Tetrachloride	7.10	117	187240	12.693	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063076.D
 Acq On : 15 Jul 2019 10:57
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 16 07:28:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:23:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	108827	12.801	ug/l	90
40) Benzene	7.44	78	250278	12.571	ug/l	99
41) Methacrylonitrile	6.45	41	66961	12.663	ug/l #	85
42) 1,2-Dichloroethane	7.57	62	131618	12.265	ug/l	99
43) Isopropyl Acetate	9.24	43	69614	13.069	ug/l #	96
44) Trichloroethene	8.53	130	95874	12.462	ug/l	95
45) 1,2-Dichloropropane	8.93	63	63399	12.835	ug/l	93
46) Dibromomethane	9.05	93	54736	12.804	ug/l #	85
47) Bromodichloromethane	9.36	83	140674	12.824	ug/l	91
48) Methyl methacrylate	9.11	41	46694	12.425	ug/l #	82
49) 1,4-Dioxane	9.06	88	7367	230.999	ug/l	97
51) 4-Methyl-2-Pentanone	10.29	43	224337	59.267	ug/l	94
52) Toluene	10.50	92	168267	12.684	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	118989	12.976	ug/l	94
54) cis-1,3-Dichloropropene	10.03	75	123407	12.479	ug/l	89
55) 1,1,2-Trichloroethane	11.18	97	61617	13.272	ug/l	93
56) Ethyl methacrylate	11.04	69	59086	11.886	ug/l	91
57) 1,3-Dichloropropane	11.40	76	85079	12.173	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	171862	64.708	ug/l	97
59) 2-Hexanone	11.53	43	169236	61.878	ug/l	87
60) Dibromochloromethane	11.68	129	102726	11.861	ug/l	97
61) 1,2-Dibromoethane	11.80	107	65976	12.136	ug/l	92
64) Tetrachloroethene	11.24	164	88556	12.327	ug/l	93
65) Chlorobenzene	12.40	112	212059	12.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	99232	12.909	ug/l	95
67) Ethyl Benzene	12.51	91	356747	12.114	ug/l	95
68) m/p-Xylenes	12.66	106	253945	24.916	ug/l	88
69) o-Xylene	13.05	106	127960	13.620	ug/l	99
70) Styrene	13.07	104	224771	13.499	ug/l	98
71) Bromoform	13.23	173	62091	11.647	ug/l #	89
73) Isopropylbenzene	13.40	105	392533	12.428	ug/l	98
74) N-amyl acetate	13.26	43	94477	11.954	ug/l	93
75) 1,1,2,2-Tetrachloroethane	13.70	83	62310	11.651	ug/l	88
76) 1,2,3-Trichloropropane	13.72	75	68422	11.646	ug/l	92
77) Bromobenzene	13.67	156	108320	12.660	ug/l	92
78) n-propylbenzene	13.76	91	460273	12.333	ug/l	95
79) 2-Chlorotoluene	13.83	91	245004	11.532	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	346406	12.958	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	17808	11.596	ug/l #	91
82) 4-Chlorotoluene	13.94	91	315291	12.349	ug/l	97
83) tert-Butylbenzene	14.19	119	368589	12.288	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	340741	12.523	ug/l	98
85) sec-Butylbenzene	14.36	105	382978	11.785	ug/l	99
86) p-Isopropyltoluene	14.48	119	379327	12.942	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	195242	12.757	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	172276	11.251	ug/l	98
89) n-Butylbenzene	14.80	91	345589	12.427	ug/l	98
90) Hexachloroethane	15.00	117	95281	11.964	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	173514	13.053	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	11190	10.860	ug/l	65

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
Data File : VD063076.D
Acq On : 15 Jul 2019 10:57
Operator : VA/AP
Sample : VSTDICC010
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: Jul 16 07:28:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:23:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	110506	10.592	ug/l	96
94) Hexachlorobutadiene	16.03	225	91841	11.641	ug/l	94
95) Naphthalene	16.12	128	176115	12.190	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	96660	11.945	ug/l	93

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

