

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\
 Data File : VD062783.D
 Acq On : 19 Jun 2019 17:14
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD061919

Quant Time: Jun 20 02:03:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1034508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1403802	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1184545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	615206	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	601598	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
35) Dibromofluoromethane	6.93	113	640122	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
50) Toluene-d8	10.42	98	1458631	56.62	ug/l	0.00
Spiked Amount			Recovery	=	113.24%	
62) 4-Bromofluorobenzene	13.56	95	604268	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	620101	46.321	ug/l	100
3) Chloromethane	1.74	50	471785	46.861	ug/l	95
4) Vinyl Chloride	1.84	62	509126	51.003	ug/l	97
5) Bromomethane	2.16	94	252009	53.908	ug/l	93
6) Chloroethane	2.27	64	216645	47.938	ug/l #	88
7) Trichlorofluoromethane	2.53	101	984443	48.730	ug/l	98
8) Diethyl Ether	2.88	74	128877	50.209	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.15	101	559036	51.080	ug/l	97
10) Methyl Iodide	3.31	142	736638	51.018	ug/l	99
11) Tert butyl alcohol	4.08	59	105090	205.195	ug/l	99
12) 1,1-Dichloroethene	3.13	96	418278	50.946	ug/l	92
13) Acrolein	3.03	56	117035	223.844	ug/l	99
14) Allyl chloride	3.62	41	649490	53.538	ug/l	97
15) Acrylonitrile	4.20	53	307720	255.707	ug/l	91
16) Acetone	3.22	43	572247	250.971	ug/l	99
17) Carbon Disulfide	3.38	76	1329937	50.684	ug/l	95
18) Methyl Acetate	3.64	43	165530	48.763	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	928781	52.256	ug/l	99
20) Methylene Chloride	3.82	84	412732	48.127	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	464238	53.104	ug/l	94
22) Diisopropyl ether	5.13	45	1311913	53.176	ug/l	98
23) Vinyl Acetate	5.06	43	4183449	270.987	ug/l	99
24) 1,1-Dichloroethane	4.99	63	823993	51.298	ug/l	98
25) 2-Butanone	6.08	43	554536	263.670	ug/l	97
26) 2,2-Dichloropropane	6.04	77	932436	54.766	ug/l	100
27) cis-1,2-Dichloroethene	6.04	96	483921	52.346	ug/l	91
28) Bromochloromethane	6.45	49	279250	49.361	ug/l	98
29) Tetrahydrofuran	6.47	42	245095	246.307	ug/l	98
30) Chloroform	6.67	83	1016158	52.018	ug/l	98
31) Cyclohexane	6.96	56	538394	50.985	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	1011948	49.735	ug/l	93
36) 1,1-Dichloropropene	7.15	75	695292	52.321	ug/l	98
37) Ethyl Acetate	6.19	43	265744	47.551	ug/l	98
38) Carbon Tetrachloride	7.12	117	996579	49.864	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\
 Data File : VD062783.D
 Acq On : 19 Jun 2019 17:14
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD061919

Quant Time: Jun 20 02:03:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	634260	54.222	ug/l	95
40) Benzene	7.46	78	1410823	52.889	ug/l	97
41) Methacrylonitrile	6.46	41	334716	47.761	ug/l #	94
42) 1,2-Dichloroethane	7.58	62	709406	48.750	ug/l	99
43) Isopropyl Acetate	9.25	43	358932	51.519	ug/l #	94
44) Trichloroethene	8.55	130	554394	53.013	ug/l	96
45) 1,2-Dichloropropane	8.95	63	341912	51.548	ug/l	100
46) Dibromomethane	9.07	93	270738	47.517	ug/l	95
47) Bromodichloromethane	9.38	83	778806	52.630	ug/l	99
48) Methyl methacrylate	9.13	41	236891	47.848	ug/l	94
49) 1,4-Dioxane	9.09	88	40148	974.701	ug/l #	92
51) 4-Methyl-2-Pentanone	10.31	43	1198414	242.617	ug/l	100
52) Toluene	10.52	92	926147	51.650	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	631268	52.121	ug/l	94
54) cis-1,3-Dichloropropene	10.04	75	700683	53.225	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	292529	47.485	ug/l	96
56) Ethyl methacrylate	11.05	69	345168	52.429	ug/l	95
57) 1,3-Dichloropropane	11.41	76	482684	51.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	859662	254.345	ug/l	97
59) 2-Hexanone	11.54	43	928958	264.067	ug/l	99
60) Dibromochloromethane	11.70	129	565485	49.281	ug/l	99
61) 1,2-Dibromoethane	11.82	107	339849	46.710	ug/l	100
64) Tetrachloroethene	11.26	164	499341	51.219	ug/l	98
65) Chlorobenzene	12.41	112	1100292	50.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	516778	50.266	ug/l	93
67) Ethyl Benzene	12.53	91	1968087	49.863	ug/l	99
68) m/p-Xylenes	12.67	106	1411227	102.658	ug/l	92
69) o-Xylene	13.06	106	639500	50.888	ug/l	96
70) Styrene	13.08	104	1112495	50.401	ug/l	98
71) Bromoform	13.24	173	350687	49.786	ug/l	96
73) Isopropylbenzene	13.41	105	1925147	48.805	ug/l	99
74) N-amyl acetate	13.27	43	522151	54.508	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	326579	50.813	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	360149	50.710	ug/l	96
77) Bromobenzene	13.68	156	541347	51.023	ug/l	92
78) n-propylbenzene	13.78	91	2357727	51.354	ug/l	100
79) 2-Chlorotoluene	13.84	91	1356845	51.714	ug/l	99
80) 1,3,5-Trimethylbenzene	13.94	105	1726964	52.122	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	104104	55.929	ug/l	97
82) 4-Chlorotoluene	13.95	91	1602206	50.723	ug/l	98
83) tert-Butylbenzene	14.20	119	1889328	51.157	ug/l	98
84) 1,2,4-Trimethylbenzene	14.25	105	1726714	50.846	ug/l	100
85) sec-Butylbenzene	14.37	105	2016442	50.235	ug/l	97
86) p-Isopropyltoluene	14.49	119	1976467	53.823	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	939502	49.398	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	946839	49.566	ug/l	98
89) n-Butylbenzene	14.81	91	1803869	52.484	ug/l	96
90) Hexachloroethane	15.01	117	496712	50.308	ug/l	98
91) 1,2-Dichlorobenzene	14.82	146	850147	52.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	68733	54.792	ug/l #	50

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\
Data File : VD062783.D
Acq On : 19 Jun 2019 17:14
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD061919

Quant Time: Jun 20 02:03:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	632693	49.775	ug/l	96
94) Hexachlorobutadiene	16.04	225	500543	51.545	ug/l	98
95) Naphthalene	16.13	128	828927	46.527	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	522474	53.497	ug/l	96

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

