

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063868.D
 Acq On : 02 Oct 2019 19:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100219

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:55:37 PM

Quant Time: Oct 03 07:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:49:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	214957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	345838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	342692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	106637	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.91	113	104021	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.34	98	423375	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.63	95	141024	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	92319	60.560	ug/l	88
3) Chloromethane	2.21	50	223388	54.658	ug/l	96
4) Vinyl Chloride	2.35	62	237408	48.185	ug/l	99
5) Bromomethane	2.77	94	150570	47.536	ug/l	89
6) Chloroethane	2.92	64	156153	47.924	ug/l	92
7) Trichlorofluoromethane	3.27	101	314213	48.235	ug/l	98
8) Diethyl Ether	3.70	74	55363	52.950	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	91633	50.818	ug/l	99
10) Methyl Iodide	4.29	142	133716	53.817	ug/l	97
11) Tert butyl alcohol	5.26	59	41701	288.044	ug/l	98
12) 1,1-Dichloroethene	4.06	96	89778	49.835	ug/l	93
13) Acrolein	3.92	56	46263	247.510	ug/l	96
14) Allyl chloride	4.71	41	148243	49.494	ug/l	99
15) Acrylonitrile	5.44	53	121150	262.811	ug/l	98
16) Acetone	4.17	43	145514	267.066	ug/l	90
17) Carbon Disulfide	4.40	76	329224	50.273	ug/l	96
18) Methyl Acetate	4.73	43	56724	53.228	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	252815	54.194	ug/l	95
20) Methylene Chloride	4.97	84	126014	52.259	ug/l	91
21) trans-1,2-Dichloroethene	5.46	96	111292	49.625	ug/l	94
22) Diisopropyl ether	6.37	45	317746	51.944	ug/l	94
23) Vinyl Acetate	6.31	43	975193	267.988	ug/l	99
24) 1,1-Dichloroethane	6.27	63	191023	50.698	ug/l	97
25) 2-Butanone	7.23	43	172501	267.145	ug/l	96
26) 2,2-Dichloropropane	7.21	77	169036	49.594	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	133070	52.422	ug/l	96
28) Bromochloromethane	7.55	49	75467	52.583	ug/l	97
29) Tetrahydrofuran	7.57	42	97600	258.958	ug/l	99
30) Chloroform	7.71	83	207079	50.602	ug/l	90
31) Cyclohexane	7.98	56	169760	54.885	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	181333	51.655	ug/l	98
36) 1,1-Dichloropropene	8.11	75	159876	50.560	ug/l	98
37) Ethyl Acetate	7.30	43	67611	53.611	ug/l	99
38) Carbon Tetrachloride	8.10	117	161836	50.646	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063868.D
 Acq On : 02 Oct 2019 19:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 ICVVD100219

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:55:37 PM

Quant Time: Oct 03 07:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:49:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	189881	48.838	ug/l	95
40) Benzene	8.35	78	462777	51.070	ug/l	99
41) Methacrylonitrile	7.54	41	31788m	43.360	ug/l	
42) 1,2-Dichloroethane	8.43	62	135230	51.591	ug/l	99
43) Isopropyl Acetate	8.46	43	140406	52.947	ug/l	96
44) Trichloroethene	9.11	130	129391	49.518	ug/l	97
45) 1,2-Dichloropropane	9.39	63	113848	51.330	ug/l	95
46) Dibromomethane	9.48	93	65482	51.840	ug/l	97
47) Bromodichloromethane	9.66	83	167562	51.523	ug/l	97
48) Methyl methacrylate	9.46	41	63346	49.856	ug/l	97
49) 1,4-Dioxane	9.47	88	18720	1085.721	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	351670	255.704	ug/l	99
52) Toluene	10.40	92	314284	50.523	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	166745	52.543	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	189625	51.909	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	94177	52.804	ug/l	97
56) Ethyl methacrylate	10.66	69	115481	51.130	ug/l	96
57) 1,3-Dichloropropane	10.95	76	160966	52.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	222252	228.932	ug/l	99
59) 2-Hexanone	10.98	43	258291	259.628	ug/l	99
60) Dibromochloromethane	11.14	129	123269	53.088	ug/l	97
61) 1,2-Dibromoethane	11.25	107	94335	54.559	ug/l	99
64) Tetrachloroethene	10.87	164	117992	50.435	ug/l	97
65) Chlorobenzene	11.67	112	363486	52.815	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	133463	52.629	ug/l	97
67) Ethyl Benzene	11.74	91	634511	51.129	ug/l	97
68) m/p-Xylenes	11.85	106	494021	103.137	ug/l	99
69) o-Xylene	12.18	106	235321	51.306	ug/l	97
70) Styrene	12.20	104	403884	52.017	ug/l	100
71) Bromoform	12.36	173	75214	55.265	ug/l #	97
73) Isopropylbenzene	12.48	105	611099	49.496	ug/l	98
74) N-amyl acetate	12.29	43	139025	52.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	108243	50.382	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	65511m	53.257	ug/l	
77) Bromobenzene	12.76	156	155480	50.546	ug/l	98
78) n-propylbenzene	12.82	91	721885	49.812	ug/l	100
79) 2-Chlorotoluene	12.90	91	395606	49.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	522137	50.691	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	35692	51.346	ug/l	99
82) 4-Chlorotoluene	13.00	91	422915	49.890	ug/l	100
83) tert-Butylbenzene	13.22	119	452471	49.358	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	530092	49.919	ug/l	98
85) sec-Butylbenzene	13.40	105	619270	50.022	ug/l	99
86) p-Isopropyltoluene	13.51	119	594599	50.757	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	311737	51.290	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	304445	50.774	ug/l	98
89) n-Butylbenzene	13.84	91	537325	49.276	ug/l	99
90) Hexachloroethane	14.11	117	110375	52.386	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	270918	51.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	18033	54.230	ug/l	86

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100219\
Data File : VD063868.D
Acq On : 02 Oct 2019 19:35
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

Manual Integrations
APPROVED

MMDadoda
10/3/2019 12:55:37 PM

Quant Time: Oct 03 07:44:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:49:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	205486	50.843	ug/l	99
94) Hexachlorobutadiene	15.26	225	109316	49.015	ug/l	94
95) Naphthalene	15.40	128	378529	55.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	179680	51.528	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100219\
Data File : VD063868.D
Acq On : 02 Oct 2019 19:35
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00µ/5.00mL/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100219

Manual Integrations
APPROVED

MMDadoda
10/3/2019 12:55:37 PM

Quant Time: Oct 03 07:44:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:49:16 2019
Response via : Initial Calibration

