

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062558.D
 Acq On : 31 May 2019 12:20
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 23:36:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	789864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1034884	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	865386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	476364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	503084	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	6.93	113	523585	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
50) Toluene-d8	10.43	98	1062688	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	13.56	95	521830	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	415253	45.328	ug/l	93
3) Chloromethane	1.75	50	384173	43.289	ug/l	99
4) Vinyl Chloride	1.85	62	330544	47.235	ug/l	99
5) Bromomethane	2.16	94	147780	65.030	ug/l	99
6) Chloroethane	2.28	64	181366	55.269	ug/l	98
7) Trichlorofluoromethane	2.54	101	741066	50.112	ug/l	98
8) Diethyl Ether	2.89	74	91270	48.111	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.15	101	425494	48.723	ug/l	93
10) Methyl Iodide	3.31	142	445093	44.918	ug/l	93
11) Tert butyl alcohol	4.09	59	98393	249.083	ug/l #	85
12) 1,1-Dichloroethene	3.13	96	324252	52.486	ug/l	97
13) Acrolein	3.04	56	36066	209.542	ug/l	98
14) Allyl chloride	3.63	41	470527	48.758	ug/l	91
15) Acrylonitrile	4.22	53	219655	232.608	ug/l	98
16) Acetone	3.23	43	524361	288.162	ug/l	94
17) Carbon Disulfide	3.38	76	891048	44.372	ug/l	100
18) Methyl Acetate	3.65	43	142979	48.141	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	778093	51.993	ug/l	97
20) Methylene Chloride	3.82	84	307860	45.703	ug/l	99
21) trans-1,2-Dichloroethene	4.23	96	339652	48.447	ug/l	98
22) Diisopropyl ether	5.13	45	963598	48.878	ug/l	89
23) Vinyl Acetate	5.07	43	3124444	261.337	ug/l	98
24) 1,1-Dichloroethane	5.00	63	623562	49.013	ug/l	99
25) 2-Butanone	6.10	43	449375	262.215	ug/l	97
26) 2,2-Dichloropropane	6.04	77	758588	53.748	ug/l	97
27) cis-1,2-Dichloroethene	6.06	96	373855	51.878	ug/l	99
28) Bromochloromethane	6.45	49	215541	49.030	ug/l	93
29) Tetrahydrofuran	6.47	42	196286	255.688	ug/l	97
30) Chloroform	6.68	83	801410	52.276	ug/l	94
31) Cyclohexane	6.96	56	402929	46.844	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	825464	51.738	ug/l	98
36) 1,1-Dichloropropene	7.16	75	523715	50.837	ug/l	93
37) Ethyl Acetate	6.19	43	221644	51.033	ug/l #	92
38) Carbon Tetrachloride	7.13	117	880490m	57.407	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062558.D
 Acq On : 31 May 2019 12:20
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 23:36:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	452731	51.907	ug/l	91
40) Benzene	7.47	78	1011796	50.041	ug/l	99
41) Methacrylonitrile	6.47	41	282168	55.209	ug/l #	95
42) 1,2-Dichloroethane	7.59	62	650656	57.771	ug/l	95
43) Isopropyl Acetate	9.26	43	282207	52.207	ug/l #	99
44) Trichloroethene	8.55	130	398829	49.374	ug/l	93
45) 1,2-Dichloropropane	8.95	63	256286	51.701	ug/l	100
46) Dibromomethane	9.08	93	230446	55.345	ug/l	91
47) Bromodichloromethane	9.38	83	629743	54.891	ug/l	96
48) Methyl methacrylate	9.13	41	195295	54.244	ug/l	96
49) 1,4-Dioxane	9.09	88	33545	1147.096	ug/l	94
51) 4-Methyl-2-Pentanone	10.32	43	1024302	271.604	ug/l	98
52) Toluene	10.53	92	680449	49.343	ug/l	95
53) t-1,3-Dichloropropene	10.93	75	527450	54.416	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	551967	54.773	ug/l	98
55) 1,1,2-Trichloroethane	11.20	97	233573	51.584	ug/l	95
56) Ethyl methacrylate	11.06	69	277445	57.488	ug/l	96
57) 1,3-Dichloropropane	11.42	76	373105	53.452	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.88	63	676069	273.140	ug/l	96
59) 2-Hexanone	11.54	43	739424	279.526	ug/l	97
60) Dibromochloromethane	11.70	129	485824	55.212	ug/l	96
61) 1,2-Dibromoethane	11.82	107	296958	54.518	ug/l	97
64) Tetrachloroethene	11.26	164	365796	47.817	ug/l	99
65) Chlorobenzene	12.41	112	878443	52.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	438163	54.957	ug/l	95
67) Ethyl Benzene	12.53	91	1627618	52.694	ug/l	99
68) m/p-Xylenes	12.68	106	1132868	106.024	ug/l	98
69) o-Xylene	13.06	106	499837	49.038	ug/l	88
70) Styrene	13.08	104	846028	48.884	ug/l	91
71) Bromoform	13.24	173	298068	53.256	ug/l #	91
73) Isopropylbenzene	13.41	105	1673419	53.286	ug/l	98
74) N-amyl acetate	13.27	43	410937	51.319	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.71	83	254641	51.126	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	297613	52.076	ug/l	99
77) Bromobenzene	13.68	156	443354	51.489	ug/l	89
78) n-propylbenzene	13.78	91	1823410	50.373	ug/l	98
79) 2-Chlorotoluene	13.84	91	1060956	50.548	ug/l	95
80) 1,3,5-Trimethylbenzene	13.94	105	1410255	52.552	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	84877	51.831	ug/l	87
82) 4-Chlorotoluene	13.95	91	1357285	54.015	ug/l	92
83) tert-Butylbenzene	14.20	119	1553064	51.866	ug/l	96
84) 1,2,4-Trimethylbenzene	14.25	105	1285449	47.009	ug/l	99
85) sec-Butylbenzene	14.37	105	1621374	51.114	ug/l	98
86) p-Isopropyltoluene	14.49	119	1520366	51.302	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	804381	53.891	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	751172	50.220	ug/l	97
89) n-Butylbenzene	14.81	91	1477321	55.842	ug/l	96
90) Hexachloroethane	15.01	117	425340	54.098	ug/l	83
91) 1,2-Dichlorobenzene	14.82	146	702793	55.972	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	57853	56.018	ug/l	71

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053119\
Data File : VD062558.D
Acq On : 31 May 2019 12:20
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: May 31 23:36:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	521648	51.957	ug/l	94
94) Hexachlorobutadiene	16.04	225	424920	57.331	ug/l	98
95) Naphthalene	16.13	128	730792	53.448	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	406180	54.159	ug/l	96

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

