

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066984.D
 Acq On : 01 Oct 2020 10:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Oct 01 12:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 12:12:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	397087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	600011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	550139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	159310	39.24	ug/l	0.00
Spiked Amount			Recovery	=	78.48%	
35) Dibromofluoromethane	7.91	113	178531	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
50) Toluene-d8	10.34	98	631264	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.63	95	220253	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	138789	33.061	ug/l	90
3) Chloromethane	2.20	50	136878	38.223	ug/l	100
4) Vinyl Chloride	2.35	62	148486	42.326	ug/l	96
5) Bromomethane	2.77	94	108127	38.396	ug/l	96
6) Chloroethane	2.93	64	97136	46.842	ug/l	99
7) Trichlorofluoromethane	3.27	101	362484	45.925	ug/l	100
8) Diethyl Ether	3.71	74	94587	53.863	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	218961	47.765	ug/l	98
10) Methyl Iodide	4.30	142	181535	49.811	ug/l	97
11) Tert butyl alcohol	5.22	59	62797	115.594	ug/l	98
12) 1,1-Dichloroethene	4.07	96	195370	47.940	ug/l	98
13) Acrolein	3.92	56	70309	272.019	ug/l	92
14) Allyl chloride	4.71	41	270876	51.885	ug/l	96
15) Acrylonitrile	5.42	53	204337	310.022	ug/l	99
16) Acetone	4.16	43	184368	280.867	ug/l	100
17) Carbon Disulfide	4.41	76	547408	43.308	ug/l	99
18) Methyl Acetate	4.71	43	90104	56.730	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	439394	64.498	ug/l	97
20) Methylene Chloride	4.96	84	242742	30.240	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	233002	49.912	ug/l	95
22) Diisopropyl ether	6.36	45	587226	64.607	ug/l	97
23) Vinyl Acetate	6.30	43	1548008	331.679	ug/l	98
24) 1,1-Dichloroethane	6.26	63	387748	51.153	ug/l	99
25) 2-Butanone	7.21	43	232967	252.317	ug/l	95
26) 2,2-Dichloropropane	7.20	77	364589	47.048	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	258553	51.637	ug/l	97
28) Bromochloromethane	7.54	49	156270	56.638	ug/l #	88
29) Tetrahydrofuran	7.56	42	154923	310.717	ug/l	95
30) Chloroform	7.71	83	431648	51.190	ug/l	100
31) Cyclohexane	7.98	56	329713	48.781	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	392734	50.444	ug/l	98
36) 1,1-Dichloropropene	8.11	75	321195	54.439	ug/l	99
37) Ethyl Acetate	7.29	43	114407	58.304	ug/l	96
38) Carbon Tetrachloride	8.09	117	358654	55.222	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066984.D
 Acq On : 01 Oct 2020 10:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Oct 01 12:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 12:12:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	382241	66.648	ug/l	99
40) Benzene	8.35	78	905659	53.629	ug/l	95
41) Methacrylonitrile	7.56	41	155473	147.105	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	253465	53.191	ug/l	100
43) Isopropyl Acetate	8.45	43	213273	56.518	ug/l	98
44) Trichloroethene	9.11	130	263178	53.636	ug/l	95
45) 1,2-Dichloropropane	9.38	63	223375	57.524	ug/l	100
46) Dibromomethane	9.47	93	124306	55.951	ug/l	96
47) Bromodichloromethane	9.66	83	329840	55.374	ug/l	97
48) Methyl methacrylate	9.45	41	101076	52.940	ug/l	95
49) 1,4-Dioxane	9.46	88	28759	1209.305	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	559598	312.518	ug/l	97
52) Toluene	10.40	92	609817	59.769	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	296049	59.587	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	350207	58.140	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	171167	53.912	ug/l	98
56) Ethyl methacrylate	10.66	69	197438	72.191	ug/l	97
57) 1,3-Dichloropropane	10.94	76	285655	56.463	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	382037	257.844	ug/l	97
59) 2-Hexanone	10.98	43	379214	325.868	ug/l	95
60) Dibromochloromethane	11.14	129	233542	57.003	ug/l	100
61) 1,2-Dibromoethane	11.24	107	166641	55.794	ug/l	99
64) Tetrachloroethene	10.87	164	225512	51.175	ug/l	98
65) Chlorobenzene	11.67	112	637717	53.835	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	247332	54.487	ug/l	97
67) Ethyl Benzene	11.74	91	1157887	60.293	ug/l	99
68) m/p-Xylenes	11.85	106	889947	118.265	ug/l	100
69) o-Xylene	12.18	106	399278	63.199	ug/l	100
70) Styrene	12.20	104	705997	64.650	ug/l	100
71) Bromoform	12.36	173	130759	57.596	ug/l #	97
73) Isopropylbenzene	12.48	105	1116798	62.764	ug/l	98
74) N-amyl acetate	12.29	43	194415	63.419	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	181312	53.851	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	234257	92.561	ug/l #	100
77) Bromobenzene	12.76	156	261392	57.659	ug/l	93
78) n-propylbenzene	12.82	91	1325297	61.641	ug/l	98
79) 2-Chlorotoluene	12.91	91	743162	59.508	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	950222	61.780	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	58092	61.057	ug/l	91
82) 4-Chlorotoluene	13.01	91	778941	57.681	ug/l	98
83) tert-Butylbenzene	13.23	119	833134	66.151	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	958046	63.427	ug/l	100
85) sec-Butylbenzene	13.40	105	1135332	62.996	ug/l	100
86) p-Isopropyltoluene	13.52	119	1042091	63.831	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	501729	54.564	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	488928	52.854	ug/l	98
89) n-Butylbenzene	13.85	91	969285	63.378	ug/l	100
90) Hexachloroethane	14.11	117	201049	67.754	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	435631	56.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28416	54.389	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
Data File : VD066984.D
Acq On : 01 Oct 2020 10:29
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Quant Time: Oct 01 12:20:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 12:12:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	292132	65.769	ug/l	98
94) Hexachlorobutadiene	15.27	225	178522	56.817	ug/l	99
95) Naphthalene	15.41	128	496410	73.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	253100	63.777	ug/l	98

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

