

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066495.D
 Acq On : 01 Sep 2020 14:49
 Operator : VA/SY
 Sample : VD0901SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0901SBS01

Quant Time: Sep 02 01:22:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	160717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	209084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	195392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	105354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	85757	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.91	113	69322	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.34	98	254098	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.63	95	91409	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	29075	21.280	ug/l	99
3) Chloromethane	2.21	50	16434	16.968	ug/l	91
4) Vinyl Chloride	2.34	62	20139	19.367	ug/l	98
5) Bromomethane	2.75	94	16706	21.479	ug/l	98
6) Chloroethane	2.92	64	13887	20.856	ug/l	93
7) Trichlorofluoromethane	3.27	101	64872	22.942	ug/l	96
8) Diethyl Ether	3.70	74	12075	19.059	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.10	101	27904	19.996	ug/l	99
10) Methyl Iodide	4.30	142	26335	16.546	ug/l	91
11) Tert butyl alcohol	5.22	59	14359m	139.586	ug/l	
12) 1,1-Dichloroethene	4.06	96	24838	18.962	ug/l	91
13) Acrolein	3.92	56	2661	38.031	ug/l	92
14) Allyl chloride	4.71	41	27305	15.617	ug/l #	76
15) Acrylonitrile	5.42	53	22226	87.437	ug/l	94
16) Acetone	4.16	43	26038	91.662	ug/l	98
17) Carbon Disulfide	4.40	76	63835	16.080	ug/l	98
18) Methyl Acetate	4.71	43	8236	15.448	ug/l #	84
19) Methyl tert-butyl Ether	5.47	73	65370	20.725	ug/l	93
20) Methylene Chloride	4.96	84	32259	17.082	ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	27979	18.349	ug/l	98
22) Diisopropyl ether	6.36	45	54005	15.954	ug/l #	87
23) Vinyl Acetate	6.30	43	178548	85.202	ug/l	95
24) 1,1-Dichloroethane	6.26	63	43591	18.222	ug/l	98
25) 2-Butanone	7.21	43	26462	82.056	ug/l #	85
26) 2,2-Dichloropropane	7.20	77	59604	23.247	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	30214	18.493	ug/l	96
28) Bromochloromethane	7.54	49	12316	14.947	ug/l	89
29) Tetrahydrofuran	7.56	42	13646	74.500	ug/l #	85
30) Chloroform	7.70	83	55039	19.886	ug/l	91
31) Cyclohexane	7.98	56	35314	16.141	ug/l #	80
32) 1,1,1-Trichloroethane	7.90	97	63591	22.449	ug/l	98
36) 1,1-Dichloropropene	8.11	75	38462	20.161	ug/l	99
37) Ethyl Acetate	7.29	43	11576	17.841	ug/l #	92
38) Carbon Tetrachloride	8.10	117	61481	24.736	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066495.D
 Acq On : 01 Sep 2020 14:49
 Operator : VA/SY
 Sample : VD0901SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0901SBS01

Quant Time: Sep 02 01:22:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	45816	20.387	ug/l	96
40) Benzene	8.34	78	102230	20.370	ug/l	94
41) Methacrylonitrile	7.53	41	7758m	19.388	ug/l	
42) 1,2-Dichloroethane	8.42	62	43384	24.544	ug/l	96
43) Isopropyl Acetate	8.45	43	23864	18.324	ug/l #	91
44) Trichloroethene	9.11	130	35898	22.013	ug/l	90
45) 1,2-Dichloropropane	9.38	63	21049	18.500	ug/l	93
46) Dibromomethane	9.47	93	14523	20.501	ug/l	95
47) Bromodichloromethane	9.66	83	45376	23.292	ug/l #	96
48) Methyl methacrylate	9.45	41	13503	20.106	ug/l	88
49) 1,4-Dioxane	9.46	88	3441	418.326	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	59759	94.852	ug/l	99
52) Toluene	10.40	92	73915	21.739	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	39620	21.433	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	42407	20.438	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	19150	19.969	ug/l	89
56) Ethyl methacrylate	10.66	69	22403	20.180	ug/l	92
57) 1,3-Dichloropropane	10.94	76	31476	19.842	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	42426	92.014	ug/l #	84
59) 2-Hexanone	10.98	43	42342	95.279	ug/l	99
60) Dibromochloromethane	11.14	129	31302	21.654	ug/l	98
61) 1,2-Dibromoethane	11.24	107	18873	19.998	ug/l	99
64) Tetrachloroethene	10.87	164	33431	22.555	ug/l	95
65) Chlorobenzene	11.67	112	83219	21.408	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	33834	21.298	ug/l	100
67) Ethyl Benzene	11.74	91	145027	21.194	ug/l	97
68) m/p-Xylenes	11.86	106	115804	44.401	ug/l	97
69) o-Xylene	12.18	106	51885	21.384	ug/l	100
70) Styrene	12.20	104	91491	21.961	ug/l	99
71) Bromoform	12.36	173	20177	22.387	ug/l #	98
73) Isopropylbenzene	12.48	105	151016	21.398	ug/l	99
74) N-amyl acetate	12.28	43	22797	17.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	19084	18.929	ug/l	93
76) 1,2,3-Trichloropropane	12.78	75	16675m	22.498	ug/l	
77) Bromobenzene	12.76	156	39272	21.924	ug/l	92
78) n-propylbenzene	12.82	91	168794	20.859	ug/l	96
79) 2-Chlorotoluene	12.91	91	95216	20.602	ug/l	95
80) 1,3,5-Trimethylbenzene	12.96	105	131523	21.584	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	6603	18.911	ug/l	88
82) 4-Chlorotoluene	13.01	91	102018	20.834	ug/l	98
83) tert-Butylbenzene	13.23	119	119740	22.623	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	132899	22.205	ug/l	100
85) sec-Butylbenzene	13.40	105	147592	21.283	ug/l	97
86) p-Isopropyltoluene	13.52	119	149241	22.319	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	73408	21.954	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	73280	21.827	ug/l	99
89) n-Butylbenzene	13.84	91	123945	21.005	ug/l	98
90) Hexachloroethane	14.11	117	26268	19.886	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	63948	22.215	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4591	21.711	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090120\
Data File : VD066495.D
Acq On : 01 Sep 2020 14:49
Operator : VA/SY
Sample : VD0901SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0901SBS01

Quant Time: Sep 02 01:22:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	48654	21.651	ug/l	98
94) Hexachlorobutadiene	15.27	225	31392	22.479	ug/l	98
95) Naphthalene	15.41	128	74775	21.185	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	41230	21.417	ug/l	96

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

