

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077070.D
 Acq On : 29 Aug 2023 19:06
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.8ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 30 08:27:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 28 15:49:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	179514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	132571	75.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.020%	
35) Dibromofluoromethane	7.805	113	143552	68.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.960%	
50) Toluene-d8	10.269	98	550292	72.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 145.120%#	
62) 4-Bromofluorobenzene	12.575	95	171288	76.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 153.200%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	86365	50.280	ug/l	97
3) Chloromethane	2.146	50	172209	59.627	ug/l	97
4) Vinyl Chloride	2.275	62	194017	52.875	ug/l	96
5) Bromomethane	2.675	94	149566	47.660	ug/l	100
6) Chloroethane	2.822	64	144912	58.152	ug/l	99
7) Trichlorofluoromethane	3.164	101	170308	51.299	ug/l	98
8) Diethyl Ether	3.587	74	57716	63.502	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.952	101	106629	55.006	ug/l	99
10) Methyl Iodide	4.152	142	152752	61.810	ug/l #	91
11) Tert butyl alcohol	5.052	59	30484	287.464	ug/l	95
12) 1,1-Dichloroethene	3.934	96	105586	54.904	ug/l	98
13) Acrolein	3.787	56	75532	332.549	ug/l	99
14) Allyl chloride	4.552	41	117812	55.532	ug/l	95
15) Acrylonitrile	5.252	53	125429	311.844	ug/l	98
16) Acetone	4.016	43	88106	218.702	ug/l	90
17) Carbon Disulfide	4.258	76	304573	51.895	ug/l	98
18) Methyl Acetate	4.558	43	85958	63.061	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	264461	63.407	ug/l	98
20) Methylene Chloride	4.793	84	161249	64.893	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	129548	57.189	ug/l	98
22) Diisopropyl ether	6.216	45	306601	64.514	ug/l	99
23) Vinyl Acetate	6.152	43	574763	254.965	ug/l	96
24) 1,1-Dichloroethane	6.110	63	211917	59.397	ug/l	99
25) 2-Butanone	7.081	43	141141	279.612	ug/l	90
26) 2,2-Dichloropropane	7.069	77	128682	40.526	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	151830	59.661	ug/l	97
28) Bromochloromethane	7.422	49	78240	61.393	ug/l	93
29) Tetrahydrofuran	7.446	42	91585	326.654	ug/l	94
30) Chloroform	7.593	83	303506	75.936	ug/l	99
31) Cyclohexane	7.875	56	145906	51.672	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	197459	56.921	ug/l	97
36) 1,1-Dichloropropene	8.005	75	163183	54.643	ug/l	98
37) Ethyl Acetate	7.163	43	66148	61.415	ug/l	97
38) Carbon Tetrachloride	7.987	117	158093	52.358	ug/l	99
39) Methylcyclohexane	9.269	83	182651	52.612	ug/l	94
40) Benzene	8.246	78	520770	58.071	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077070.D
 Acq On : 29 Aug 2023 19:06
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.8ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 30 08:27:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 28 15:49:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	36513	61.477	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	136919	59.081	ug/l	97
43) Isopropyl Acetate	8.357	43	123447	60.322	ug/l #	81
44) Trichloroethene	9.028	130	140327	54.912	ug/l	93
45) 1,2-Dichloropropane	9.304	63	126516	59.635	ug/l	98
46) Dibromomethane	9.393	93	79931	59.177	ug/l	95
47) Bromodichloromethane	9.581	83	220299	69.865	ug/l	96
48) Methyl methacrylate	9.375	41	59176	64.515	ug/l	85
49) 1,4-Dioxane	9.381	88	18229	1259.797	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	336862	319.982	ug/l	94
52) Toluene	10.334	92	341646	59.116	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	165836	56.868	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	194809	56.171	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	109926	61.312	ug/l	95
56) Ethyl methacrylate	10.598	69	125727	66.492	ug/l	96
57) 1,3-Dichloropropane	10.875	76	176843	62.060	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	135356	381.980	ug/l	100
59) 2-Hexanone	10.922	43	232218	307.304	ug/l	91
60) Dibromochloromethane	11.075	129	146866	66.178	ug/l	97
61) 1,2-Dibromoethane	11.181	107	104289	60.764	ug/l	99
64) Tetrachloroethene	10.810	164	154895	67.931	ug/l	97
65) Chlorobenzene	11.604	112	379265	55.244	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	142669	55.607	ug/l	98
67) Ethyl Benzene	11.681	91	654646	55.563	ug/l	98
68) m/p-Xylenes	11.793	106	527918	111.923	ug/l	93
69) o-Xylene	12.122	106	254644	59.062	ug/l	96
70) Styrene	12.134	104	447054	59.689	ug/l	98
71) Bromoform	12.298	173	85761	60.032	ug/l #	99
73) Isopropylbenzene	12.422	105	621178	53.554	ug/l	96
74) N-amyl acetate	12.234	43	120005	58.745	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	125742	55.449	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	95560m	59.608	ug/l	
77) Bromobenzene	12.698	156	160438	54.856	ug/l	97
78) n-propylbenzene	12.763	91	762098	53.764	ug/l	97
79) 2-Chlorotoluene	12.845	91	423272	54.617	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	529216	54.649	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	30700	44.462	ug/l	96
82) 4-Chlorotoluene	12.945	91	448244	54.680	ug/l	98
83) tert-Butylbenzene	13.169	119	447217	53.413	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	544477	56.061	ug/l	98
85) sec-Butylbenzene	13.345	105	677495	53.591	ug/l	97
86) p-Isopropyltoluene	13.457	119	583304	54.111	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	332329	54.827	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	326909	55.595	ug/l	99
89) n-Butylbenzene	13.787	91	524616	52.989	ug/l	99
90) Hexachloroethane	14.051	117	110689	52.954	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	289040	55.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	18437	58.384	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	176555	55.575	ug/l	98
94) Hexachlorobutadiene	15.204	225	84897	50.968	ug/l	98
95) Naphthalene	15.334	128	350416	59.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	159904	56.188	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
Data File : VD077070.D
Acq On : 29 Aug 2023 19:06
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.8ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 30 08:27:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 28 15:49:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

