

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038626.D
 Acq On : 28 Oct 2023 01:50
 Operator : JC/MD
 Sample : 04696-05 2.5PPB
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-07

Quant Time: Oct 28 04:53:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	449413	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	435632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	240033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	143904	47.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.860%
7) Chloroethane-d5	1.672	69	114350	48.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.080%
11) 1,1-Dichloroethene-d2	2.306	65	64258	47.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.240%
21) 2-Butanone-d5	4.446	46	231514	97.974	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.970%
24) Chloroform-d	5.056	84	288840	46.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.958	65	187577	48.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
32) Benzene-d6	5.976	84	588119	49.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	7.312	67	171379	50.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.060%
41) Toluene-d8	8.647	98	573302	48.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.620%
43) trans-1,3-Dichloroprop...	8.952	79	78358	46.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.640%
47) 2-Hexanone-d5	9.384	63	197681	98.690	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.690%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	271378	48.595	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	235266	49.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8582	2.400	ug/L	94
3) Chloromethane	1.300	50	6707	2.437	ug/L	97
5) Vinyl chloride	1.374	62	8159	2.675	ug/L #	67
6) Bromomethane	1.611	94	5675	2.697	ug/L	88
8) Chloroethane	1.691	64	5002	2.731	ug/L	94
9) Trichlorofluoromethane	1.892	101	11767	2.359	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9266	3.066	ug/L #	80
12) 1,1-Dichloroethene	2.319	96	8398	2.999	ug/L #	1
13) Acetone	2.373	43	7805	4.973	ug/L	98
14) Carbon disulfide	2.514	76	19807	2.578	ug/L	100
15) Methyl Acetate	2.703	43	7562	2.370	ug/L	99
16) Methylene chloride	2.788	84	8582	2.798	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	7383	2.549	ug/L	85
18) Methyl tert-butyl Ether	3.117	73	20120	2.275	ug/L	100
19) 1,1-Dichloroethane	3.605	63	11453	2.354	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	8134	2.426	ug/L	93
22) 2-Butanone	4.574	43	11967m	5.087	ug/L	
23) Bromochloromethane	4.910	128	4095m	2.283	ug/L	
25) Chloroform	5.092	83	18507	3.284	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038626.D
 Acq On : 28 Oct 2023 01:50
 Operator : JC/MD
 Sample : 04696-05 2.5PPB
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT4-2023-07

Quant Time: Oct 28 04:53:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	10729	2.477	ug/L #	93
29) Cyclohexane	5.470	56	9841	2.333	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	11038	2.267	ug/L	99
31) Carbon tetrachloride	5.678	117	9424	2.166	ug/L	98
33) Benzene	6.044	78	28227	2.456	ug/L	100
35) Methylcyclohexane	7.379	83	11467	2.363	ug/L	99
37) 1,2-Dichloropropane	7.434	63	6799	2.374	ug/L	98
38) Bromodichloromethane	7.824	83	8821	2.199	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	9937	2.236	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	18973	4.406	ug/L	99
42) Toluene	8.720	91	30559	2.361	ug/L	92
44) trans-1,3-Dichloropropene	8.976	75	9759	2.301	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	7651	2.364	ug/L	97
46) Tetrachloroethene	9.275	164	6676	2.398	ug/L	95
48) 2-Hexanone	9.433	43	16639	4.830	ug/L	96
49) Dibromochloromethane	9.519	129	7380	2.162	ug/L	99
50) 1,2-Dibromoethane	9.610	107	8315	2.276	ug/L #	100
51) Chlorobenzene	10.079	112	21511	2.429	ug/L	94
52) Ethylbenzene	10.195	91	34364	2.359	ug/L	96
53) m,p-Xylene	10.305	106	13619	2.363	ug/L	99
54) o-Xylene	10.640	106	12473	2.230	ug/L	95
55) Styrene	10.659	104	20346	2.140	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	13324	2.483	ug/L	96
59) Bromoform	10.799	173	5240	1.992	ug/L	99
60) Isopropylbenzene	10.963	105	33374	2.299	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	9919	2.472	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	26112	2.154	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	25519	2.137	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	17956	2.492	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	19038	2.565	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	17773	2.513	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	2667	2.193	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	13058	2.523	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	12380	2.544	ug/L	99
71) Naphthalene	13.774	128	33031	2.265	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	11575	2.440	ug/L	97

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

