

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020530.D
 Acq On : 07 Jan 2021 16:55
 Operator : JC/MD
 Sample : L5214-05
 Misc : 5.0g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2021-01

Quant Time: Jan 08 00:56:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	369252	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	350623	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	158389	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	132955	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.697	69	109128	47.07	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.14%
11) 1,1-Dichloroethene-d2	2.343	63	195754	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	4.532	46	186867	102.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.135	84	260489	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
26) 1,2-Dichloroethane-d4	6.031	65	166772	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	6.044	84	534194	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	7.366	67	166233	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.94%
41) Toluene-d8	8.695	98	450868	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloroprop...	8.994	79	74542	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	9.427	63	141139	97.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.98%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	216807	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
66) 1,2-Dichlorobenzene-d4	12.359	152	167765	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	8260	2.30	ug/L	99
3) Chloromethane	1.313	50	7825	2.42	ug/L	97
5) Vinyl chloride	1.392	62	8433	2.45	ug/L #	76
6) Bromomethane	1.642	94	4808	2.77	ug/L	98
8) Chloroethane	1.715	64	4968	2.41	ug/L	95
9) Trichlorofluoromethane	1.916	101	10241	2.37	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	8213	3.05	ug/L #	82
12) 1,1-Dichloroethene	2.355	96	7649	2.91	ug/L #	1
13) Acetone	2.428	43	7689	5.16	ug/L	100
14) Carbon disulfide	2.550	76	18212	2.16	ug/L	97
15) Methyl Acetate	2.751	43	6794	2.29	ug/L	99
16) Methylene chloride	2.831	84	13563	4.31	ug/L	98
17) trans-1,2-Dichloroethene	3.142	96	6426	2.27	ug/L	93
18) Methyl tert-butyl Ether	3.160	73	18035	2.11	ug/L	98
19) 1,1-Dichloroethane	3.666	63	11822	2.31	ug/L	98
20) cis-1,2-Dichloroethene	4.568	96	6942	2.24	ug/L	95
22) 2-Butanone	4.641	43	10240	4.65	ug/L	99
23) Bromochloromethane	4.983	128	3670	2.29	ug/L	94
25) Chloroform	5.172	83	13619	2.44	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	9737	2.36	ug/L	97
29) Cyclohexane	5.544	56	8799	2.04	ug/L	96
30) 1,1,1-Trichloroethane	5.458	97	10259	2.29	ug/L	99
31) Carbon tetrachloride	5.757	117	8539	2.25	ug/L	99
33) Benzene	6.111	78	27513	2.37	ug/L	100
34) Trichloroethene	7.184	95	6855	2.32	ug/L	94
35) Methylcyclohexane	7.440	83	9292	2.09	ug/L	97
37) 1,2-Dichloropropane	7.488	63	7053	2.40	ug/L	98
38) Bromodichloromethane	7.872	83	8687	2.30	ug/L	93
39) cis-1,3-Dichloropropene	8.415	75	9395	2.13	ug/L	98
40) 4-Methyl-2-pentanone	8.616	43	15420	3.99	ug/L	98
42) Toluene	8.763	91	27507	2.27	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	9711	2.25	ug/L	97
45) 1,1,2-Trichloroethane	9.195	97	6833	2.35	ug/L	97
46) Tetrachloroethene	9.317	164	5189	2.27	ug/L	92
48) 2-Hexanone	9.470	43	14703	4.82	ug/L	97
49) Dibromochloromethane	9.561	129	6312	2.12	ug/L	98
50) 1,2-Dibromoethane	9.653	107	6663	2.21	ug/L #	99
51) Chlorobenzene	10.122	112	17424	2.27	ug/L	97
52) Ethylbenzene	10.232	91	26408	2.03	ug/L	98
53) m,p-Xylene	10.342	106	9177	1.89	ug/L	96
54) o-Xylene	10.683	106	8979	1.91	ug/L	94
55) Styrene	10.695	104	14049	1.76	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.250	83	10947	2.37	ug/L #	97
59) Bromoform	10.841	173	4349	2.20	ug/L	100
60) Isopropylbenzene	11.000	105	22378	2.00	ug/L	99
61) 1,2,3-Trichloropropane	11.280	75	8441	2.44	ug/L	97
62) 1,3,5-Trimethylbenzene	11.488	105	16441	1.81	ug/L	98
63) 1,2,4-Trimethylbenzene	11.792	105	16372	1.78	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	11632	2.23	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	12370	2.35	ug/L	96
67) 1,2-Dichlorobenzene	12.372	146	13190	2.54	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.981	75	1949	2.23	ug/L	96
69) 1,3,5-Trichlorobenzene	13.152	180	7831	2.19	ug/L	94
70) 1,2,4-trichlorobenzene	13.628	180	6467	2.10	ug/L	95
71) Naphthalene	13.817	128	17130	1.68	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	6711	2.12	ug/L	98

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

