

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030121\
 Data File : VX020935.D
 Acq On : 01 Mar 2021 13:12
 Operator : JC/MD
 Sample : M1344-06
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-04

Quant Time: Mar 01 16:00:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	307204	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	275188	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.065	152	127231	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	91415	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.58%
7) Chloroethane-d5	1.693	69	83856	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.78%
11) 1,1-Dichloroethene-d2	2.346	63	137700	35.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.60%
21) 2-Butanone-d5	4.529	46	135470	107.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.140	84	199447	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
26) 1,2-Dichloroethane-d4	6.029	65	126298	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
32) Benzene-d6	6.046	84	407080	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	7.364	67	128944	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.74%
41) Toluene-d8	8.694	98	372423	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%
43) trans-1,3-Dichloroprop...	8.994	79	65361	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.96%
47) 2-Hexanone-d5	9.423	63	104091	102.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.21%
56) 1,1,2,2-Tetrachloroeth...	11.229	84	156250	50.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.28%
66) 1,2-Dichlorobenzene-d4	12.359	152	125247	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	5364	2.32	ug/L	99
3) Chloromethane	1.310	50	5221	2.52	ug/L	94
5) Vinyl chloride	1.393	62	6237	2.55	ug/L #	75
6) Bromomethane	1.634	94	3273	2.82	ug/L	92
8) Chloroethane	1.716	64	3652	2.39	ug/L	91
9) Trichlorofluoromethane	1.916	101	7554	2.37	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	6268	2.96	ug/L #	83
12) 1,1-Dichloroethene	2.358	96	5841	2.84	ug/L #	1
13) Acetone	2.416	43	6138	5.73	ug/L	94
14) Carbon disulfide	2.552	76	13640	2.29	ug/L	100
15) Methyl Acetate	2.746	43	4832	2.39	ug/L	97
16) Methylene chloride	2.834	84	6849	2.98	ug/L	95
17) trans-1,2-Dichloroethene	3.140	96	4987	2.26	ug/L	99
18) Methyl tert-butyl Ether	3.164	73	16386	2.27	ug/L	97
19) 1,1-Dichloroethane	3.670	63	8819	2.28	ug/L	94
20) cis-1,2-Dichloroethene	4.564	96	5877	2.39	ug/L	100
22) 2-Butanone	4.634	43	7674	5.05	ug/L	97
23) Bromochloromethane	4.981	128	2914	2.39	ug/L	94
25) Chloroform	5.170	83	11546	2.80	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.040	62	2314	0.76	ug/L	100
29) Cyclohexane	5.540	56	7819	2.24	ug/L	94
30) 1,1,1-Trichloroethane	5.458	97	7969	2.26	ug/L	98
31) Carbon tetrachloride	5.752	117	6614	2.26	ug/L	98
33) Benzene	6.117	78	20192	2.24	ug/L	100
34) Trichloroethene	7.188	95	5561	2.32	ug/L	94
35) Methylcyclohexane	7.441	83	8746	2.39	ug/L	95
37) 1,2-Dichloropropane	7.488	63	5267	2.34	ug/L #	97
38) Bromodichloromethane	7.870	83	7025	2.24	ug/L	95
39) cis-1,3-Dichloropropene	8.417	75	8574	2.32	ug/L	90
40) 4-Methyl-2-pentanone	8.617	43	11781	4.27	ug/L	97
42) Toluene	8.764	91	22045	2.35	ug/L	100
44) trans-1,3-Dichloropropene	9.023	75	7778	2.20	ug/L	99
45) 1,1,2-Trichloroethane	9.194	97	5397	2.41	ug/L	97
46) Tetrachloroethene	9.317	164	4139	2.42	ug/L	86
48) 2-Hexanone	9.470	43	10536	5.01	ug/L	97
49) Dibromochloromethane	9.564	129	5406	2.28	ug/L	100
50) 1,2-Dibromoethane	9.653	107	5306	2.28	ug/L	96
51) Chlorobenzene	10.117	112	13755	2.32	ug/L	96
52) Ethylbenzene	10.235	91	23427	2.27	ug/L	95
53) m,p-Xylene	10.341	106	8659	2.23	ug/L	99
54) o-Xylene	10.682	106	8796	2.32	ug/L	87
55) Styrene	10.694	104	13885	2.11	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.253	83	7382	2.30	ug/L	97
59) Bromoform	10.841	173	3634	2.26	ug/L #	96
60) Isopropylbenzene	11.000	105	22278	2.28	ug/L	98
61) 1,2,3-Trichloropropane	11.276	75	5880	2.30	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	17791	2.23	ug/L	97
63) 1,2,4-Trimethylbenzene	11.788	105	17489	2.18	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	9375	2.25	ug/L	95
65) 1,4-Dichlorobenzene	12.082	146	9441	2.26	ug/L	97
67) 1,2-Dichlorobenzene	12.377	146	9022	2.19	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.983	75	1591	2.26	ug/L	96
69) 1,3,5-Trichlorobenzene	13.153	180	6196	2.18	ug/L	98
70) 1,2,4-trichlorobenzene	13.630	180	5396	2.15	ug/L	95
71) Naphthalene	13.818	128	16757	1.84	ug/L	99
72) 1,2,3-Trichlorobenzene	14.000	180	5347	2.09	ug/L	96

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

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