

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030321\
 Data File : VX020964.D
 Acq On : 02 Mar 2021 11:55
 Operator : JC/MD
 Sample : M1344-06
 Misc : 5.0g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 03 01:06:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 03 01:05:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	313467	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	288086	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	120601	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	89908	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.38%
7) Chloroethane-d5	1.693	69	83678	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.62%
11) 1,1-Dichloroethene-d2	2.346	63	137383	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.04%
21) 2-Butanone-d5	4.523	46	135979	105.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.79%
24) Chloroform-d	5.135	84	200331	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	6.029	65	129227	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
32) Benzene-d6	6.047	84	408249	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	7.365	67	129567	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.60%
41) Toluene-d8	8.694	98	364691	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%
43) trans-1,3-Dichloroprop...	8.994	79	63913	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.38%
47) 2-Hexanone-d5	9.424	63	102766	96.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.39%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	155051	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
66) 1,2-Dichlorobenzene-d4	12.359	152	123468	53.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.96%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	4973	2.11	ug/L	99
3) Chloromethane	1.311	50	4822	2.28	ug/L	97
5) Vinyl chloride	1.393	62	5642	2.26	ug/L #	70
6) Bromomethane	1.634	94	2945	2.49	ug/L	91
8) Chloroethane	1.717	64	3417	2.19	ug/L	94
9) Trichlorofluoromethane	1.917	101	7114	2.18	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	5826	2.70	ug/L #	78
12) 1,1-Dichloroethene	2.352	96	5336	2.54	ug/L #	1
13) Acetone	2.417	43	5575	5.10	ug/L	97
14) Carbon disulfide	2.552	76	12963	2.13	ug/L	100
15) Methyl Acetate	2.746	43	4333	2.10	ug/L	99
16) Methylene chloride	2.835	84	5644	2.41	ug/L	95
17) trans-1,2-Dichloroethene	3.140	96	4817	2.14	ug/L	97
18) Methyl tert-butyl Ether	3.164	73	14820	2.01	ug/L	98
19) 1,1-Dichloroethane	3.670	63	8309	2.11	ug/L	97
20) cis-1,2-Dichloroethene	4.558	96	5379	2.14	ug/L	85
22) 2-Butanone	4.629	43	7117	4.59	ug/L	94
23) Bromochloromethane	4.976	128	2624	2.11	ug/L	86
25) Chloroform	5.170	83	10722	2.55	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.041	62	2281	0.74	ug/L	98
29) Cyclohexane	5.547	56	7191	1.97	ug/L	96
30) 1,1,1-Trichloroethane	5.453	97	7470	2.02	ug/L	99
31) Carbon tetrachloride	5.753	117	6167	2.01	ug/L	99
33) Benzene	6.111	78	19111	2.03	ug/L	100
34) Trichloroethene	7.188	95	5073	2.02	ug/L	95
35) Methylcyclohexane	7.441	83	7783	2.03	ug/L	96
37) 1,2-Dichloropropane	7.488	63	4818	2.04	ug/L	97
38) Bromodichloromethane	7.870	83	6767	2.07	ug/L	98
39) cis-1,3-Dichloropropene	8.412	75	7699	1.99	ug/L	99
40) 4-Methyl-2-pentanone	8.618	43	10895	3.77	ug/L	99
42) Toluene	8.765	91	19434	1.98	ug/L	96
44) trans-1,3-Dichloropropene	9.018	75	7083	1.92	ug/L	99
45) 1,1,2-Trichloroethane	9.194	97	4890	2.08	ug/L	98
46) Tetrachloroethene	9.312	164	3616	2.02	ug/L	93
48) 2-Hexanone	9.471	43	10784	4.90	ug/L	92
49) Dibromochloromethane	9.565	129	4738	1.91	ug/L	90
50) 1,2-Dibromoethane	9.653	107	4846	1.99	ug/L	96
51) Chlorobenzene	10.118	112	12909	2.08	ug/L	95
52) Ethylbenzene	10.236	91	21276	1.97	ug/L	99
53) m,p-Xylene	10.341	106	7657	1.88	ug/L	94
54) o-Xylene	10.683	106	7527	1.90	ug/L	92
55) Styrene	10.694	104	12406	1.80	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.247	83	6913	2.06	ug/L #	97
59) Bromoform	10.836	173	3037	2.00	ug/L	96
60) Isopropylbenzene	11.000	105	19583	2.12	ug/L	100
61) 1,2,3-Trichloropropane	11.277	75	5472	2.26	ug/L	97
62) 1,3,5-Trimethylbenzene	11.489	105	15871	2.10	ug/L	100
63) 1,2,4-Trimethylbenzene	11.789	105	15518	2.04	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	8516	2.15	ug/L	89
65) 1,4-Dichlorobenzene	12.083	146	8977	2.27	ug/L	93
67) 1,2-Dichlorobenzene	12.377	146	8531	2.18	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.983	75	1312	1.97	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.154	180	5628	2.09	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	4584	1.93	ug/L	89
71) Naphthalene	13.818	128	14796	1.71	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	4852	2.00	ug/L	96

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

