

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
 Data File : VU045345.D
 Acq On : 20 Oct 2021 14:42
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Oct 21 02:19:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 21 01:57:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313251	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	316631	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	143768	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52674	38.601	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.200%
7) Chloroethane-d5	1.870	69	20893	16.022	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.040%#
11) 1,1-Dichloroethene-d2	2.542	63	72383	26.640	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.280%#
21) 2-Butanone-d5	4.632	46	210259	103.226	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.230%
24) Chloroform-d	5.063	84	164033	45.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.703	65	118850	47.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
32) Benzene-d6	5.726	84	281109	47.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.693	67	112423	48.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	7.899	98	226042	44.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.185	79	55320	47.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.642	63	165385	113.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.860%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	238170	54.420	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.840%
66) 1,2-Dichlorobenzene-d4	12.198	152	133595	53.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	4829	2.115	ug/L	98
3) Chloromethane	1.517	50	6634	2.567	ug/L	97
5) Vinyl chloride	1.604	62	5723	2.002	ug/L #	41
6) Bromomethane	1.822	94	1745	1.154	ug/L	91
8) Chloroethane	1.887	64	1203	0.670	ug/L	93
9) Trichlorofluoromethane	2.092	101	6629	1.907	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	5223	2.364	ug/L	92
12) 1,1-Dichloroethene	2.555	96	4662	2.289	ug/L #	1
13) Acetone	2.645	43	9204	3.881	ug/L	98
14) Carbon disulfide	2.771	76	11228	2.005	ug/L	96
15) Methyl Acetate	2.954	43	7257	2.468	ug/L	92
16) Methylene chloride	3.038	84	8413	3.207	ug/L	98
17) trans-1,2-Dichloroethene	3.343	96	4558	2.086	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	16640	2.183	ug/L	99
19) 1,1-Dichloroethane	3.861	63	9741	2.178	ug/L	95
20) cis-1,2-Dichloroethene	4.661	96	5385	2.151	ug/L	96
22) 2-Butanone	4.719	43	9341	3.572	ug/L	93
23) Bromochloromethane	4.976	128	2566	2.081	ug/L	92
25) Chloroform	5.089	83	13390	2.941	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	8206	2.257	ug/L	98
29) Cyclohexane	5.385	56	7490	1.992	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	7415	1.985	ug/L	98
31) Carbon tetrachloride	5.523	117	5549	1.924	ug/L	96
33) Benzene	5.771	78	21542	2.185	ug/L	100
34) Trichloroethene	6.542	95	4837	1.990	ug/L	96
35) Methylcyclohexane	6.761	83	7736	2.026	ug/L	97
37) 1,2-Dichloropropane	6.796	63	6058	2.260	ug/L #	94
38) Bromodichloromethane	7.111	83	6814	1.965	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	8240	2.053	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	18947	4.634	ug/L	97
42) Toluene	7.970	91	24879	2.419	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	8474	2.208	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	6009	2.339	ug/L	97
46) Tetrachloroethene	8.555	164	3470	2.061	ug/L	93
48) 2-Hexanone	8.697	43	19557	5.666	ug/L	97
49) Dibromochloromethane	8.816	129	5381	2.150	ug/L	94
50) 1,2-Dibromoethane	8.928	107	5525	2.088	ug/L	98
51) Chlorobenzene	9.452	112	14435	2.216	ug/L	97
52) Ethylbenzene	9.574	91	22774	2.041	ug/L	97
53) m,p-Xylene	9.697	106	8586	2.025	ug/L	96
54) o-xylene	10.105	106	8920	2.097	ug/L	99
55) Styrene	10.121	104	14059	1.953	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	11550	2.544	ug/L #	97
59) Bromoform	10.298	173	3575	2.268	ug/L	93
60) 1,2,3-Trichloropropane	10.828	75	8815	2.670	ug/L	99
61) Isopropylbenzene	10.491	105	21847	2.225	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	17656	2.174	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	17561	2.136	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	10305	2.318	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	10232	2.269	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	11075	2.465	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.005	75	1898	2.065	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	6566	2.146	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	5059	1.973	ug/L	98
71) Naphthalene	14.092	128	16541	1.930	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	5100	1.991	ug/L	97

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

