

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
 Data File : VU045344.D
 Acq On : 20 Oct 2021 14:18
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Oct 21 02:17:30 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	295565	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	302098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	135941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51814	40.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.480%
7) Chloroethane-d5	1.871	69	21008	17.074	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.140%#
11) 1,1-Dichloroethene-d2	2.549	63	69532	27.122	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.240%#
21) 2-Butanone-d5	4.633	46	211122	109.851	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.850%
24) Chloroform-d	5.063	84	156463	45.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.703	65	114271	48.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
32) Benzene-d6	5.726	84	263736	46.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	6.694	67	106913	48.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	7.899	98	214159	44.188	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
43) trans-1,3-Dichloroprop...	8.182	79	53173	47.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.860%
47) 2-Hexanone-d5	8.642	63	169721	122.465	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.460%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	236886	56.731	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.460%
66) 1,2-Dichlorobenzene-d4	12.198	152	125451	53.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	4363	2.025	ug/L	96
3) Chloromethane	1.520	50	6436	2.640	ug/L	93
5) Vinyl chloride	1.604	62	5868	2.176	ug/L #	34
6) Bromomethane	1.826	94	1714	1.201	ug/L	98
9) Trichlorofluoromethane	2.102	101	5950	1.814	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	4791	2.298	ug/L	89
12) 1,1-Dichloroethene	2.559	96	4211	2.191	ug/L #	1
13) Acetone	2.642	43	7812	3.491	ug/L	97
14) Carbon disulfide	2.774	76	10519	1.991	ug/L #	91
15) Methyl Acetate	2.954	43	6831	2.462	ug/L	96
16) Methylene chloride	3.041	84	7152	2.889	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	4090	1.984	ug/L	95
18) Methyl tert-butyl Ether	3.372	73	15773	2.194	ug/L	98
19) 1,1-Dichloroethane	3.864	63	8881	2.105	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	4928	2.086	ug/L	98
22) 2-Butanone	4.723	43	9583	3.883	ug/L	94
23) Bromochloromethane	4.977	128	2492	2.142	ug/L	93
25) Chloroform	5.089	83	12322	2.869	ug/L	99
27) 1,2-Dichloroethane	5.797	62	8354	2.435	ug/L	98

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

29) Cyclohexane	5.382	56	7089	1.976	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	6976	1.957	ug/L	96
31) Carbon tetrachloride	5.520	117	5100	1.853	ug/L	99
33) Benzene	5.774	78	19872	2.113	ug/L	100
34) Trichloroethene	6.546	95	4326	1.865	ug/L	92
35) Methylcyclohexane	6.764	83	6905	1.896	ug/L	100
37) 1,2-Dichloropropane	6.793	63	5670	2.217	ug/L #	91
38) Bromodichloromethane	7.112	83	6644	2.008	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	8078	2.109	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	18163	4.656	ug/L	100
42) Toluene	7.970	91	22728	2.317	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	7880	2.152	ug/L	92
45) 1,1,2-Trichloroethane	8.407	97	6031	2.460	ug/L	96
46) Tetrachloroethene	8.555	164	3121	1.943	ug/L	97
48) 2-Hexanone	8.693	43	20017	6.078	ug/L	96
49) Dibromochloromethane	8.816	129	5277	2.210	ug/L	93
50) 1,2-Dibromoethane	8.931	107	5513	2.184	ug/L #	95
51) Chlorobenzene	9.452	112	13118	2.111	ug/L	99
52) Ethylbenzene	9.574	91	20937	1.966	ug/L	97
53) m,p-Xylene	9.697	106	7939	1.963	ug/L	100
54) o-xylene	10.105	106	8087	1.993	ug/L	95
55) Styrene	10.118	104	13314	1.938	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	12083	2.790	ug/L #	97
59) Bromoform	10.298	173	3652	2.451	ug/L #	98
60) 1,2,3-Trichloropropane	10.828	75	8839	2.832	ug/L	98
61) Isopropylbenzene	10.488	105	19848	2.138	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	16071	2.093	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	16206	2.084	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	9329	2.219	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	9977	2.340	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	10239	2.410	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	13.002	75	1776	2.043	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	5752	1.989	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	4354	1.796	ug/L	99
71) Naphthalene	14.092	128	15020	1.853	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	4627	1.910	ug/L	98

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

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