

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053978.D
 Acq On : 28 Apr 2023 18:44
 Operator : JC/MD
 Sample : 02499-24MEMSD
 Misc : 5.61g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCCC0MEMSD

Quant Time: Apr 29 04:33:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 14 01:54:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	276321	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	267657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	142734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71870	33.403	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.800%
7) Chloroethane-d5	1.906	69	63439	38.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.480%
11) 1,1-Dichloroethene-d2	2.549	63	124922	37.507	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.020%
21) 2-Butanone-d5	4.636	46	68578	70.398	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.400%
24) Chloroform-d	5.054	84	134643	37.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.680%
26) 1,2-Dichloroethane-d4	5.694	65	79413	37.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.540%
32) Benzene-d6	5.719	84	273430	37.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.700%
36) 1,2-Dichloropropane-d6	6.684	67	82937	37.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.120%
41) Toluene-d8	7.893	98	263466	36.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.380%#
43) trans-1,3-Dichloroprop...	8.176	79	43441	38.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.220%
47) 2-Hexanone-d5	8.658	63	58504	77.626	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	125594	40.352	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	109272	36.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	87493	39.012	ug/L	98
3) Chloromethane	1.520	50	82016	44.504	ug/L	98
5) Vinyl chloride	1.604	62	96033	44.964	ug/L	99
6) Bromomethane	1.858	94	72851	46.879	ug/L	98
8) Chloroethane	1.928	64	56887	44.286	ug/L	97
9) Trichlorofluoromethane	2.112	101	205777	62.641	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	91053	47.860	ug/L	95
12) 1,1-Dichloroethene	2.562	96	79000	46.593	ug/L	88
13) Acetone	2.642	43	84683	96.728	ug/L	94
14) Carbon disulfide	2.777	76	150568	33.570	ug/L	98
15) Methyl Acetate	2.948	43	63522	47.371	ug/L	90
16) Methylene chloride	3.035	84	93198	48.904	ug/L	96
17) trans-1,2-Dichloroethene	3.340	96	80703	47.361	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	262104	52.771	ug/L	98
19) 1,1-Dichloroethane	3.858	63	150189	53.208	ug/L	98
20) cis-1,2-Dichloroethene	4.655	96	96489	49.024	ug/L	96
22) 2-Butanone	4.713	43	90275	85.115	ug/L	94
23) Bromochloromethane	4.967	128	52102	47.524	ug/L	95
25) Chloroform	5.079	83	174564	53.919	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	118143	49.829	ug/L	100
29) Cyclohexane	5.378	56	106019	41.145	ug/L	99
30) 1,1,1-Trichloroethane	5.308	97	144688	49.059	ug/L	99
31) Carbon tetrachloride	5.514	117	122517	46.366	ug/L	99
33) Benzene	5.764	78	343113	49.201	ug/L	100
34) Trichloroethene	6.533	95	97696	46.319	ug/L	95
35) Methylcyclohexane	6.755	83	132311	42.676	ug/L	96
37) 1,2-Dichloropropane	6.784	63	91827	51.859	ug/L	98
38) Bromodichloromethane	7.099	83	118647	50.227	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	149502	51.667	ug/L	98
40) 4-Methyl-2-pentanone	7.825	43	181592	94.371	ug/L	94
42) Toluene	7.964	91	387391	49.019	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	143113	52.318	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	104334	53.667	ug/L	96
46) Tetrachloroethene	8.549	164	82122	46.920	ug/L	94
48) 2-Hexanone	8.706	43	145350	93.380	ug/L	98
49) Dibromochloromethane	8.812	129	97180	48.073	ug/L	100
50) 1,2-Dibromoethane	8.922	107	111177	51.114	ug/L	100
51) Chlorobenzene	9.446	112	275653	50.624	ug/L	98
52) Ethylbenzene	9.568	91	440650	50.088	ug/L	99
53) m,p-Xylene	9.693	106	171527	49.853	ug/L	97
54) o-Xylene	10.099	106	170541	50.133	ug/L	92
55) Styrene	10.118	104	291001	52.519	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	158650	55.581	ug/L	95
59) Bromoform	10.298	173	71473	48.922	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	117759	56.899	ug/L	100
61) Isopropylbenzene	10.484	105	454581	53.868	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	373808	53.286	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	372414	53.600	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	224214	50.848	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	226459	50.390	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	220368	50.144	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	26974	48.890	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	157432	48.213	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	146048	48.242	ug/L	99
71) Naphthalene	14.082	128	462381	51.027	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	145791	48.214	ug/L	99

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

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