

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055912.D
 Acq On : 26 Oct 2023 18:00
 Operator : MD/SY
 Sample : 04961-09MEMS
 Misc : 5.96g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0LJ3MEMS

Quant Time: Oct 27 02:53:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	595083	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	617327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	335568	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	211868	39.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.380%
7) Chloroethane-d5	1.869	69	64797	14.851	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.700%#
11) 1,1-Dichloroethene-d2	2.541	63	367812	38.646	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.300%
21) 2-Butanone-d5	4.628	46	267890	67.732	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.730%
24) Chloroform-d	5.055	84	411799	40.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.480%
26) 1,2-Dichloroethane-d4	5.692	65	257391	40.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.740%
32) Benzene-d6	5.718	84	824949	41.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.540%
36) 1,2-Dichloropropane-d6	6.685	67	261656	41.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.680%
41) Toluene-d8	7.894	98	762043	42.727	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.460%
43) trans-1,3-Dichloroprop...	8.177	79	127942	42.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
47) 2-Hexanone-d5	8.647	63	259792	105.684	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.680%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	422499	43.897	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	319649	48.001	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	185384	37.414	ug/L	99
3) Chloromethane	1.518	50	200282	42.718	ug/L	96
5) Vinyl chloride	1.602	62	218874	42.420	ug/L	96
6) Bromomethane	1.824	94	50252	15.235	ug/L	94
8) Chloroethane	1.888	64	50458	14.909	ug/L	99
9) Trichlorofluoromethane	2.088	101	295511	40.086	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.551	101	195414	41.218	ug/L	97
12) 1,1-Dichloroethene	2.554	96	182647	43.294	ug/L	95
13) Acetone	2.634	43	232967	63.473	ug/L	97
14) Carbon disulfide	2.766	76	488215	38.027	ug/L	98
15) Methyl Acetate	2.943	43	211850	37.689	ug/L	95
16) Methylene chloride	3.030	84	232088	45.364	ug/L	94
17) trans-1,2-Dichloroethene	3.335	96	193024	44.744	ug/L	93
18) Methyl tert-butyl Ether	3.361	73	682456	49.191	ug/L	98
19) 1,1-Dichloroethane	3.853	63	391167	44.216	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	248954	50.564	ug/L	94
22) 2-Butanone	4.705	43	320965	72.553	ug/L	99
23) Bromochloromethane	4.968	128	118196	46.354	ug/L	93
25) Chloroform	5.081	83	422987	45.769	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	322195	43.590	ug/L	100
29) Cyclohexane	5.374	56	327907	46.341	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	346874	43.492	ug/L	97
31) Carbon tetrachloride	5.512	117	293921	42.103	ug/L	98
33) Benzene	5.763	78	883266	45.263	ug/L	100
34) Trichloroethene	6.534	95	296718	55.571	ug/L	97
35) Methylcyclohexane	6.753	83	356856	46.064	ug/L	98
37) 1,2-Dichloropropane	6.785	63	242486	45.126	ug/L	98
38) Bromodichloromethane	7.103	83	309646	43.697	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	393760	48.166	ug/L	99
40) 4-Methyl-2-pentanone	7.811	43	639867	85.595	ug/L	95
42) Toluene	7.965	91	973874	47.296	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	369456	47.233	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	251185	47.406	ug/L	99
46) Tetrachloroethene	8.547	164	787050	205.879	ug/L	98
48) 2-Hexanone	8.698	43	515353	81.617	ug/L	96
49) Dibromochloromethane	8.811	129	249018	45.996	ug/L	100
50) 1,2-Dibromoethane	8.923	107	260824	45.830	ug/L	97
51) Chlorobenzene	9.447	112	637985	47.888	ug/L	98
52) Ethylbenzene	9.570	91	1107542	49.198	ug/L	99
53) m,p-Xylene	9.695	106	423409	50.204	ug/L	96
54) o-Xylene	10.100	106	422102	51.720	ug/L	95
55) Styrene	10.116	104	743845	53.802	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.785	83	437408	48.212	ug/L	100
59) Bromoform	10.296	173	202539	49.030	ug/L	98
60) 1,2,3-Trichloropropane	10.824	75	342578	47.039	ug/L	98
61) Isopropylbenzene	10.486	105	1138990	54.446	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	975026	57.600	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	970862	58.003	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	525740	50.838	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	528970	49.751	ug/L	99
67) 1,2-Dichlorobenzene	12.213	146	526431	51.296	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	87090	39.999	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	363573	52.707	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	316150	55.024	ug/L	99
71) Naphthalene	14.084	128	964722	56.523	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	315523	55.698	ug/L	97

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

