

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055913.D
 Acq On : 26 Oct 2023 18:24
 Operator : MD/SY
 Sample : 04961-10MEMSD
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0LJ3MEMSD

Quant Time: Oct 27 02:54:12 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	6.242	114	589050	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	610342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	331933	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	203468	38.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.020%
7) Chloroethane-d5	1.872	69	65618	15.193	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.380%#
11) 1,1-Dichloroethene-d2	2.544	63	366121	38.863	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.720%
21) 2-Butanone-d5	4.628	46	301054	76.897	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.900%
24) Chloroform-d	5.055	84	406000	40.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.160%
26) 1,2-Dichloroethane-d4	5.695	65	246007	39.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.920%
32) Benzene-d6	5.718	84	800178	40.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.960%
36) 1,2-Dichloropropane-d6	6.685	67	252375	40.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.640%
41) Toluene-d8	7.894	98	737810	41.842	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.680%
43) trans-1,3-Dichloroprop...	8.181	79	124858	42.043	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.080%
47) 2-Hexanone-d5	8.650	63	264432	108.802	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.800%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	413149	43.416	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.840%
66) 1,2-Dichlorobenzene-d4	12.193	152	305410	46.365	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	182648	37.239	ug/L	99
3) Chloromethane	1.515	50	197608	42.579	ug/L	99
5) Vinyl chloride	1.602	62	217675	42.620	ug/L	96
6) Bromomethane	1.824	94	56817	17.402	ug/L	96
8) Chloroethane	1.891	64	51563	15.391	ug/L	99
9) Trichlorofluoromethane	2.088	101	274481	37.615	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.551	101	196047	41.775	ug/L	98
12) 1,1-Dichloroethene	2.554	96	183866	44.029	ug/L	92
13) Acetone	2.634	43	224039	61.666	ug/L	97
14) Carbon disulfide	2.766	76	475867	37.445	ug/L	99
15) Methyl Acetate	2.943	43	220181	39.573	ug/L	95
16) Methylene chloride	3.030	84	228572	45.134	ug/L	93
17) trans-1,2-Dichloroethene	3.335	96	190544	44.622	ug/L	97
18) Methyl tert-butyl Ether	3.361	73	672002	48.933	ug/L	97
19) 1,1-Dichloroethane	3.853	63	387941	44.300	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	259176	53.179	ug/L	95
22) 2-Butanone	4.705	43	318786	72.798	ug/L	94
23) Bromochloromethane	4.969	128	116280	46.070	ug/L	94
25) Chloroform	5.081	83	406134	44.396	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	315038	43.058	ug/L	98
29) Cyclohexane	5.374	56	327370	46.795	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	340367	43.164	ug/L	97
31) Carbon tetrachloride	5.512	117	292055	42.314	ug/L	98
33) Benzene	5.763	78	866063	44.889	ug/L	100
34) Trichloroethene	6.534	95	236145	44.733	ug/L	98
35) Methylcyclohexane	6.756	83	339581	44.336	ug/L	99
37) 1,2-Dichloropropane	6.785	63	238827	44.954	ug/L	100
38) Bromodichloromethane	7.103	83	305400	43.591	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	379621	46.968	ug/L	99
40) 4-Methyl-2-pentanone	7.814	43	652879	88.335	ug/L	95
42) Toluene	7.965	91	957999	47.058	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	360363	46.598	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	249676	47.661	ug/L	98
46) Tetrachloroethene	8.550	164	173943	46.021	ug/L	98
48) 2-Hexanone	8.698	43	521939	83.606	ug/L	93
49) Dibromochloromethane	8.811	129	248461	46.418	ug/L	98
50) 1,2-Dibromoethane	8.923	107	258587	45.957	ug/L	98
51) Chlorobenzene	9.451	112	644744	48.949	ug/L	99
52) Ethylbenzene	9.570	91	1111579	49.943	ug/L	99
53) m,p-Xylene	9.695	106	426450	51.143	ug/L	95
54) o-Xylene	10.100	106	419808	52.028	ug/L	97
55) Styrene	10.119	104	734104	53.705	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.785	83	442363	49.316	ug/L	98
59) Bromoform	10.296	173	205694	50.339	ug/L	96
60) 1,2,3-Trichloropropane	10.824	75	345858	48.010	ug/L	99
61) Isopropylbenzene	10.486	105	1132404	54.724	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	973164	58.120	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	969735	58.570	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	518165	50.654	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	525527	49.968	ug/L	98
67) 1,2-Dichlorobenzene	12.213	146	522126	51.434	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	88058	40.886	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	367150	53.808	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	321374	56.546	ug/L	98
71) Naphthalene	14.084	128	1026625	60.808	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	322696	57.588	ug/L	98

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

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