

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053977.D
 Acq On : 28 Apr 2023 18:21
 Operator : JC/MD
 Sample : 02499-23MEMS
 Misc : 5.68g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCCC0MEMS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 04:32:45 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	6.240	114	258140	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	254398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133800	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70667	35.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.320%		
7) Chloroethane-d5	1.906	69	59863	38.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.260%		
11) 1,1-Dichloroethene-d2	2.552	63	123172	39.586	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.180%		
21) 2-Butanone-d5	4.636	46	70748m	77.740	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.740%		
24) Chloroform-d	5.057	84	134165	40.360	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.720%		
26) 1,2-Dichloroethane-d4	5.694	65	79333	40.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.780%		
32) Benzene-d6	5.719	84	271580	39.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.100%		
36) 1,2-Dichloropropane-d6	6.684	67	83450	39.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.520%		
41) Toluene-d8	7.893	98	265193	38.856	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.720%#		
43) trans-1,3-Dichloroprop...	8.179	79	43468	40.121	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.240%		
47) 2-Hexanone-d5	8.658	63	58606	81.815	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.810%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126702	42.830	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.660%		
66) 1,2-Dichlorobenzene-d4	12.192	152	111675	39.986	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.980%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	83951	40.069	ug/L	100
3) Chloromethane	1.520	50	78487	45.589	ug/L	97
5) Vinyl chloride	1.604	62	90463	45.339	ug/L	100
6) Bromomethane	1.858	94	72761	50.119	ug/L	99
8) Chloroethane	1.925	64	51841	43.200	ug/L	98
9) Trichlorofluoromethane	2.112	101	201684	65.720	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	88254	49.656	ug/L	93
12) 1,1-Dichloroethene	2.562	96	75362	47.578	ug/L	94
13) Acetone	2.642	43	83967	102.666	ug/L	92
14) Carbon disulfide	2.777	76	143282	34.196	ug/L	98
15) Methyl Acetate	2.948	43	59769	47.711	ug/L	90
16) Methylene chloride	3.038	84	91629	51.467	ug/L	96
17) trans-1,2-Dichloroethene	3.340	96	76598	48.118	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	248930	53.649	ug/L	98
19) 1,1-Dichloroethane	3.858	63	142715	54.121	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	92279	50.187	ug/L	98
22) 2-Butanone	4.713	43	85620	86.411	ug/L	98
23) Bromochloromethane	4.967	128	48309	47.168	ug/L	98
25) Chloroform	5.080	83	170477	56.365	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	116373	52.539	ug/L	99
29) Cyclohexane	5.379	56	101787	41.562	ug/L	99
30) 1,1,1-Trichloroethane	5.305	97	139459	49.751	ug/L	100
31) Carbon tetrachloride	5.514	117	116851	46.527	ug/L	98
33) Benzene	5.764	78	335087	50.555	ug/L	100
34) Trichloroethene	6.536	95	92809	46.296	ug/L	96
35) Methylcyclohexane	6.755	83	126239	42.840	ug/L	98
37) 1,2-Dichloropropane	6.784	63	88723	52.717	ug/L	99
38) Bromodichloromethane	7.102	83	112858	50.266	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	145714	52.982	ug/L	100
40) 4-Methyl-2-pentanone	7.825	43	174624	95.480	ug/L #	82
42) Toluene	7.964	91	377292	50.229	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	137745	52.980	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	100647	54.468	ug/L	96
46) Tetrachloroethene	8.546	164	74108	44.548	ug/L	95
48) 2-Hexanone	8.706	43	140213	94.775	ug/L	98
49) Dibromochloromethane	8.816	129	95216	49.557	ug/L	99
50) 1,2-Dibromoethane	8.922	107	106052	51.299	ug/L	95
51) Chlorobenzene	9.449	112	263832	50.979	ug/L	98
52) Ethylbenzene	9.568	91	426009	50.948	ug/L	100
53) m,p-Xylene	9.694	106	165247	50.531	ug/L	99
54) o-Xylene	10.099	106	164140	50.766	ug/L	95
55) Styrene	10.118	104	282032	53.554	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.784	83	155177	57.197	ug/L	95
59) Bromoform	10.298	173	68389	49.936	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	115450	59.509	ug/L	100
61) Isopropylbenzene	10.484	105	437738	55.335	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	358604	54.532	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	355985	54.656	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	214100	51.796	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	216796	51.461	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	214006	51.947	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	25199	48.723	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	150339	49.115	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	133935	47.194	ug/L	99
71) Naphthalene	14.082	128	407421	47.963	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	134787	47.551	ug/L	99

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

