

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102522\
 Data File : VU051492.D
 Acq On : 25 Oct 2022 17:39
 Operator : JC/MD
 Sample : N5258-03MEMS
 Misc : 6.80g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBLN3MEMS

Quant Time: Oct 27 01:30:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 27 01:27:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	574912	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	590812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	311297	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156294	34.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.520%
7) Chloroethane-d5	1.867	69	50991	13.568	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.140%#
11) 1,1-Dichloroethene-d2	2.530	63	300089	38.644	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.280%
21) 2-Butanone-d5	4.636	46	274519	85.369	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.370%
24) Chloroform-d	5.057	84	336940	40.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.420%
26) 1,2-Dichloroethane-d4	5.697	65	210110	40.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.680%
32) Benzene-d6	5.719	84	677583	42.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.700%
36) 1,2-Dichloropropane-d6	6.687	67	224645	42.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	7.896	98	627290	43.014	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
43) trans-1,3-Dichloroprop...	8.182	79	99348	44.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.820%
47) 2-Hexanone-d5	8.649	63	215473	93.371	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.370%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	389704	42.696	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	250474	42.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	220053	43.796	ug/L	99
3) Chloromethane	1.523	50	273109	42.527	ug/L	97
5) Vinyl chloride	1.601	62	271868	42.774	ug/L	96
6) Bromomethane	1.826	94	76934	23.289	ug/L	98
8) Chloroethane	1.884	64	61309	16.141	ug/L	99
9) Trichlorofluoromethane	2.067	101	292606	39.792	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	199374	44.360	ug/L	99
12) 1,1-Dichloroethene	2.539	96	187547	44.018	ug/L	92
13) Acetone	2.649	43	259861	70.919	ug/L	99
14) Carbon disulfide	2.752	76	591535	42.626	ug/L	100
15) Methyl Acetate	2.951	43	248669	44.874	ug/L	99
16) Methylene chloride	3.028	84	252071	45.072	ug/L	99
17) trans-1,2-Dichloroethene	3.330	96	204315	46.628	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	622463	49.677	ug/L	99
19) 1,1-Dichloroethane	3.854	63	401687	46.477	ug/L	99
20) cis-1,2-Dichloroethene	4.655	96	237695	49.721	ug/L	95
22) 2-Butanone	4.716	43	369234	86.826	ug/L	98
23) Bromochloromethane	4.970	128	127206	47.426	ug/L	97
25) Chloroform	5.083	83	412191	46.260	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	323389	46.741	ug/L	99
29) Cyclohexane	5.372	56	323699	52.148	ug/L	99
30) 1,1,1-Trichloroethane	5.305	97	315290	44.993	ug/L	98
31) Carbon tetrachloride	5.514	117	265932	44.946	ug/L	99
33) Benzene	5.764	78	940398	48.690	ug/L	100
34) Trichloroethene	6.536	95	230585	49.475	ug/L	96
35) Methylcyclohexane	6.755	83	340922	51.134	ug/L	99
37) 1,2-Dichloropropane	6.790	63	251911	47.561	ug/L	99
38) Bromodichloromethane	7.105	83	314213	46.601	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	348486	49.904	ug/L	99
40) 4-Methyl-2-pentanone	7.809	43	715164	101.053	ug/L	99
42) Toluene	7.967	91	999526	50.430	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	337222	49.622	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	257708	48.750	ug/L	99
46) Tetrachloroethene	8.552	164	463882	133.342	ug/L	97
48) 2-Hexanone	8.697	43	579903	95.891	ug/L	99
49) Dibromochloromethane	8.816	129	263094	48.625	ug/L	98
50) 1,2-Dibromoethane	8.925	107	258120	47.649	ug/L	99
51) Chlorobenzene	9.449	112	634968	48.922	ug/L	99
52) Ethylbenzene	9.571	91	1022195	51.143	ug/L	98
53) m,p-Xylene	9.697	106	402081	52.191	ug/L	100
54) o-Xylene	10.102	106	407288	53.297	ug/L	95
55) Styrene	10.118	104	734730	55.329	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	478317	47.419	ug/L	100
59) Bromoform	10.295	173	205074	47.300	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	363657	45.078	ug/L	100
61) Isopropylbenzene	10.484	105	1020039	52.178	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	861939	51.904	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	859243	52.547	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	486214	48.724	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	496294	48.361	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	502306	48.323	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	93908	43.129	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	319364	47.708	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	245976	47.727	ug/L	99
71) Naphthalene	14.086	128	803872	48.733	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	273581	49.451	ug/L	97

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

