

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053024\
 Data File : VU059099.D
 Acq On : 30 May 2024 17:07
 Operator : MD/SY
 Sample : P2586-06MEMS
 Misc : 4.18g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4D18MEMS

Quant Time: May 31 03:23:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 03:18:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	212701	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	61857	48.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.140%
7) Chloroethane-d5	1.872	69	52182	47.833	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.660%
11) 1,1-Dichloroethene-d2	2.544	63	122194	48.610	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.220%
21) 2-Butanone-d5	4.618	46	117881	98.203	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	5.052	84	129056	50.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.689	65	83740	53.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.780%
32) Benzene-d6	5.714	84	250045	49.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.682	67	84402	48.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	7.891	98	218870	51.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.500%
43) trans-1,3-Dichloroprop...	8.174	79	38378	54.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.460%
47) 2-Hexanone-d5	8.637	63	78547	97.921	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	144029	49.060	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.120%
66) 1,2-Dichlorobenzene-d4	12.190	152	86614	49.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	93163	43.228	ug/L	99
3) Chloromethane	1.515	50	110823	44.494	ug/L	99
5) Vinyl chloride	1.599	62	108859	44.478	ug/L	99
6) Bromomethane	1.824	94	83295	42.540	ug/L	97
8) Chloroethane	1.891	64	61545	40.325	ug/L	99
9) Trichlorofluoromethane	2.097	101	124958	43.875	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	71235	42.989	ug/L	97
12) 1,1-Dichloroethene	2.557	96	70611	46.982	ug/L	96
13) Acetone	2.624	43	110583	78.375	ug/L	99
14) Carbon disulfide	2.769	76	228072	45.059	ug/L	99
15) Methyl Acetate	2.940	43	118087	52.836	ug/L	96
16) Methylene chloride	3.030	84	91919	45.201	ug/L	95
17) trans-1,2-Dichloroethene	3.335	96	74778	46.098	ug/L	99
18) Methyl tert-butyl Ether	3.354	73	248183	47.100	ug/L	100
19) 1,1-Dichloroethane	3.849	63	160560	46.177	ug/L	99
20) cis-1,2-Dichloroethene	4.650	96	85668	46.344	ug/L	97
22) 2-Butanone	4.698	43	149841	87.718	ug/L	98
23) Bromochloromethane	4.962	128	43054	45.981	ug/L	97
25) Chloroform	5.074	83	160389	47.638	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053024\
 Data File : VU059099.D
 Acq On : 30 May 2024 17:07
 Operator : MD/SY
 Sample : P2586-06MEMS
 Misc : 4.18g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4D18MEMS

Quant Time: May 31 03:23:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 03:18:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	133476	46.929	ug/L	99
29) Cyclohexane	5.374	56	123312	42.138	ug/L	99
30) 1,1,1-Trichloroethane	5.300	97	122360	42.933	ug/L	98
31) Carbon tetrachloride	5.512	117	96967	41.887	ug/L	99
33) Benzene	5.763	78	351483	44.407	ug/L	100
34) Trichloroethene	6.531	95	86934	44.856	ug/L	99
35) Methylcyclohexane	6.753	83	122692	43.056	ug/L	99
37) 1,2-Dichloropropane	6.779	63	99548	44.292	ug/L	100
38) Bromodichloromethane	7.097	83	114015	43.550	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	142279	45.753	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	283343	96.161	ug/L	100
42) Toluene	7.962	91	363377	45.737	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	133433	47.396	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	93736	46.386	ug/L	99
46) Tetrachloroethene	8.544	164	56659	43.890	ug/L	95
48) 2-Hexanone	8.685	43	234564	94.389	ug/L	97
49) Dibromochloromethane	8.804	129	82983	45.439	ug/L	98
50) 1,2-Dibromoethane	8.917	107	96575	46.330	ug/L	97
51) Chlorobenzene	9.441	112	220135	45.907	ug/L	98
52) Ethylbenzene	9.566	91	381498	46.576	ug/L	99
53) m,p-Xylene	9.688	106	142836	47.449	ug/L	99
54) o-Xylene	10.097	106	140028	47.997	ug/L	99
55) Styrene	10.110	104	251712	50.759	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	175514	47.679	ug/L	97
59) Bromoform	10.287	173	64923	42.148	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	137528	42.096	ug/L	99
61) Isopropylbenzene	10.479	105	359067	43.443	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	266440	44.492	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	298289	45.949	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	175517	45.436	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	183706	46.047	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	178870	44.302	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	35490	42.850	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	113849	44.626	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	89700	44.022	ug/L	99
71) Naphthalene	14.081	128	243443	37.745	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	90566	43.718	ug/L	100

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

