

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050682.D
 Acq On : 08 Sep 2022 13:25
 Operator : SY/MD
 Sample : N4475-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVE1MS

Quant Time: Sep 08 22:54:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	239158	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	248337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63528	31.057	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.120%
7) Chloroethane-d5	1.896	69	50062	36.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.380%
11) 1,1-Dichloroethene-d2	2.562	63	127153	35.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.360%
21) 2-Butanone-d5	4.620	46	162136	108.338	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	5.060	84	190508	49.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	5.700	65	124254	52.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
32) Benzene-d6	5.726	84	350823	42.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.500%
36) 1,2-Dichloropropane-d6	6.690	67	120470	44.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.420%
41) Toluene-d8	7.896	98	310915	44.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.179	79	52293	46.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%
47) 2-Hexanone-d5	8.632	63	69922	103.168	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.170%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	211822	51.950	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	123854	44.478	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	65238	28.400	ug/L	99
3) Chloromethane	1.520	50	101637	40.948	ug/L	96
5) Vinyl chloride	1.604	62	77316	33.062	ug/L	100
6) Bromomethane	1.835	94	49530	41.997	ug/L	98
8) Chloroethane	1.919	64	45531	36.658	ug/L	98
9) Trichlorofluoromethane	2.128	101	95768	33.613	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	52677	28.185	ug/L	97
12) 1,1-Dichloroethene	2.575	96	68316	37.619	ug/L	93
13) Acetone	2.623	43	123823	109.681	ug/L	100
14) Carbon disulfide	2.787	76	196693	36.525	ug/L	99
15) Methyl Acetate	2.945	43	92269	38.646	ug/L	96
16) Methylene chloride	3.041	84	114607	48.087	ug/L	93
17) trans-1,2-Dichloroethene	3.350	96	82866	43.031	ug/L	93
18) Methyl tert-butyl Ether	3.363	73	312630	52.360	ug/L	98
19) 1,1-Dichloroethane	3.864	63	170902	45.999	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	104882	48.271	ug/L	97
22) 2-Butanone	4.700	43	192988	109.297	ug/L	93
23) Bromochloromethane	4.970	128	60417	53.811	ug/L	92
25) Chloroform	5.086	83	193713	51.176	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	156097	55.640	ug/L	100
29) Cyclohexane	5.385	56	83605	25.138	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	140566	42.025	ug/L	99
31) Carbon tetrachloride	5.523	117	110424	40.294	ug/L	99
33) Benzene	5.771	78	400006	44.260	ug/L	100
34) Trichloroethene	6.539	95	109628	52.059	ug/L	98
35) Methylcyclohexane	6.761	83	81472	24.335	ug/L	98
37) 1,2-Dichloropropane	6.790	63	110218	46.170	ug/L #	94
38) Bromodichloromethane	7.105	83	149571	53.263	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	148473	45.948	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	337419	103.720	ug/L	98
42) Toluene	7.967	91	406464	44.275	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	144854	47.779	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	119783	52.233	ug/L	98
46) Tetrachloroethene	8.552	164	197688	128.528	ug/L	100
48) 2-Hexanone	8.684	43	322429	106.201	ug/L	99
49) Dibromochloromethane	8.809	129	121520	55.557	ug/L	99
50) 1,2-Dibromoethane	8.922	107	125333	53.740	ug/L	98
51) Chlorobenzene	9.446	112	260786	45.771	ug/L	97
52) Ethylbenzene	9.571	91	378695	41.757	ug/L	99
53) m,p-Xylene	9.693	106	146000	42.020	ug/L	98
54) o-Xylene	10.099	106	159036	45.975	ug/L	97
55) Styrene	10.115	104	272928	47.952	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	222666	54.511	ug/L	100
59) Bromoform	10.288	173	96550	54.401	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	176178	50.478	ug/L	99
61) Isopropylbenzene	10.484	105	347367	36.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	295385	36.695	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	298357	38.598	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	177561	42.858	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	176140	43.012	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	198696	45.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	48060	52.143	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	108194	35.985	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	83731	32.797	ug/L	99
71) Naphthalene	14.089	128	306019	33.808	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	97772	35.365	ug/L	99

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

