

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050602.D
 Acq On : 02 Sep 2022 18:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV024

Quant Time: Sep 03 02:29:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 02:16:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	416789	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	398201	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	184649	51.797	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 103.600%		
7) Chloroethane-d5	1.906	69	146959	60.962	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 121.920%		
11) 1,1-Dichloroethene-d2	2.565	63	301775	47.904	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 95.800%		
21) 2-Butanone-d5	4.626	46	278258	106.688	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 106.690%		
24) Chloroform-d	5.063	84	326277	48.292	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 96.580%		
26) 1,2-Dichloroethane-d4	5.703	65	198075	47.976	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 95.960%		
32) Benzene-d6	5.726	84	659513	50.117	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 100.240%		
36) 1,2-Dichloropropane-d6	6.690	67	213776	49.480	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 98.960%		
41) Toluene-d8	7.899	98	581716	51.693	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.380%		
43) trans-1,3-Dichloroprop...	8.182	79	93399	52.248	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.500%		
47) 2-Hexanone-d5	8.636	63	120018	110.437	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 110.440%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	331648	50.726	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 101.460%		
66) 1,2-Dichlorobenzene-d4	12.195	152	203151	47.062	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 94.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	185950	46.449	ug/L	100
3) Chloromethane	1.517	50	228157	52.746	ug/L	97
5) Vinyl chloride	1.600	62	228074	55.964	ug/L	98
6) Bromomethane	1.851	94	116211	56.542	ug/L	99
8) Chloroethane	1.928	64	131452	60.729	ug/L	98
9) Trichlorofluoromethane	2.134	101	266963	53.766	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	164515	50.509	ug/L	99
12) 1,1-Dichloroethene	2.578	96	156674	49.505	ug/L	100
13) Acetone	2.633	43	209350	106.407	ug/L	98
14) Carbon disulfide	2.790	76	470921	50.179	ug/L	100
15) Methyl Acetate	2.951	43	220590	53.015	ug/L	98
16) Methylene chloride	3.044	84	193263	46.530	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	167518	49.916	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	524475	50.404	ug/L	100
19) 1,1-Dichloroethane	3.867	63	320682	49.528	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	190028	50.185	ug/L	96
22) 2-Butanone	4.706	43	336860	109.470	ug/L	99
23) Bromochloromethane	4.973	128	97143	49.647	ug/L	99
25) Chloroform	5.089	83	327360	49.626	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	245713	50.256	ug/L	100
29) Cyclohexane	5.388	56	277213	51.982	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	268786	50.115	ug/L	99
31) Carbon tetrachloride	5.523	117	219165	49.876	ug/L	99
33) Benzene	5.774	78	752599	51.933	ug/L	100
34) Trichloroethene	6.542	95	177162	52.466	ug/L	99
35) Methylcyclohexane	6.764	83	291064	54.219	ug/L	98
37) 1,2-Dichloropropane	6.790	63	200925	52.490	ug/L	100
38) Bromodichloromethane	7.105	83	242101	53.766	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	281157	54.264	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	586801	112.493	ug/L	100
42) Toluene	7.970	91	780427	53.017	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	256442	52.752	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	191107	51.971	ug/L	99
46) Tetrachloroethene	8.552	164	129617	52.555	ug/L	97
48) 2-Hexanone	8.687	43	542988	111.538	ug/L	98
49) Dibromochloromethane	8.809	129	186607	53.206	ug/L	100
50) 1,2-Dibromoethane	8.925	107	203200	54.337	ug/L	97
51) Chlorobenzene	9.446	112	462030	50.573	ug/L	99
52) Ethylbenzene	9.571	91	777832	53.488	ug/L	98
53) m,p-Xylene	9.693	106	299395	53.738	ug/L	97
54) o-Xylene	10.102	106	300122	54.108	ug/L	99
55) Styrene	10.115	104	494576	54.192	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	340313	51.957	ug/L	100
59) Bromoform	10.291	173	136336	49.554	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	264473	48.881	ug/L	99
61) Isopropylbenzene	10.484	105	747446	51.208	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	632926	50.721	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	615156	51.336	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	328840	51.202	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	324196	51.068	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	339118	49.578	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	69940	48.950	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	233392	50.075	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	196291	49.598	ug/L	99
71) Naphthalene	14.085	128	736382	52.479	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	218534	50.990	ug/L	99

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

