

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082422\
 Data File : U050424.D
 Acq On : 24 Aug 2022 13:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV012

Quant Time: Aug 25 05:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	381497	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	371708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	176544	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	211222	46.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.640%
7) Chloroethane-d5	1.909	69	164552	49.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.565	63	301719	47.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.660%
21) 2-Butanone-d5	4.623	46	296097	100.284	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.064	84	339840	46.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
26) 1,2-Dichloroethane-d4	5.703	65	210149	46.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
32) Benzene-d6	5.729	84	696407	50.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.420%
36) 1,2-Dichloropropane-d6	6.690	67	224227	49.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	7.899	98	629791	52.404	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.179	79	97554	51.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.800%
47) 2-Hexanone-d5	8.636	63	182317	107.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	337046	48.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	215666	51.139	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	143956	48.274	ug/L	100
3) Chloromethane	1.520	50	164589	47.424	ug/L	100
5) Vinyl chloride	1.604	62	162701	47.942	ug/L	100
6) Bromomethane	1.851	94	70394	56.097	ug/L	94
8) Chloroethane	1.929	64	101251	49.109	ug/L	96
9) Trichlorofluoromethane	2.134	101	209535	48.529	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	127783	48.272	ug/L	99
12) 1,1-Dichloroethene	2.578	96	115692	49.436	ug/L	100
13) Acetone	2.630	43	189796	97.766	ug/L	99
14) Carbon disulfide	2.790	76	285158	47.750	ug/L	100
15) Methyl Acetate	2.948	43	169141	48.426	ug/L	99
16) Methylene chloride	3.044	84	156221	47.898	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	121614	49.434	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	412490	52.976	ug/L	99
19) 1,1-Dichloroethane	3.867	63	256516	48.129	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	149927	50.891	ug/L	99
22) 2-Butanone	4.703	43	269206	102.320	ug/L	99
23) Bromochloromethane	4.973	128	77774	48.336	ug/L	96
25) Chloroform	5.086	83	270006	47.553	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	201240	47.512	ug/L	98
29) Cyclohexane	5.388	56	189592	55.448	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	210841	49.578	ug/L	99
31) Carbon tetrachloride	5.523	117	171926	49.263	ug/L	100
33) Benzene	5.774	78	591978	52.601	ug/L	100
34) Trichloroethene	6.543	95	137555	51.636	ug/L	98
35) Methylcyclohexane	6.764	83	203660	54.674	ug/L	99
37) 1,2-Dichloropropane	6.790	63	161943	49.539	ug/L	100
38) Bromodichloromethane	7.105	83	204721	49.086	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	231414	53.907	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	477163	109.841	ug/L	99
42) Toluene	7.970	91	616809	54.399	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	216065	53.997	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	160661	49.946	ug/L	98
46) Tetrachloroethene	8.555	164	100804	51.522	ug/L	98
48) 2-Hexanone	8.687	43	416430	114.787	ug/L	98
49) Dibromochloromethane	8.809	129	164603	49.401	ug/L	97
50) 1,2-Dibromoethane	8.925	107	164026	51.025	ug/L	99
51) Chlorobenzene	9.449	112	378324	50.844	ug/L	99
52) Ethylbenzene	9.571	91	623053	54.520	ug/L	98
53) m,p-Xylene	9.694	106	236994	55.532	ug/L	96
54) o-Xylene	10.102	106	240837	56.802	ug/L	97
55) Styrene	10.115	104	411788	57.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	290110	49.358	ug/L	99
59) Bromoform	10.292	173	122079	48.288	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	221696	48.730	ug/L	99
61) Isopropylbenzene	10.485	105	604292	55.339	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	502833	57.029	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	503171	58.511	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	283908	53.174	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	278134	51.726	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	294546	52.460	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	60561	50.087	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	202634	55.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	181221	61.483	ug/L	99
71) Naphthalene	14.086	128	724595	74.942	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	202619	62.898	ug/L	100

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

