

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092022\
 Data File : VU050835.D
 Acq On : 20 Sep 2022 16:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

Quant Time: Sep 21 02:24:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	506848	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	484471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	244689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	235888	44.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.840%
7) Chloroethane-d5	1.896	69	170401	45.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.120%
11) 1,1-Dichloroethene-d2	2.562	63	378184	46.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
21) 2-Butanone-d5	4.617	46	346644	102.248	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.250%
24) Chloroform-d	5.060	84	380650	46.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
26) 1,2-Dichloroethane-d4	5.700	65	234840	46.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
32) Benzene-d6	5.726	84	778151	48.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	6.690	67	257522	47.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.620%
41) Toluene-d8	7.896	98	692089	49.616	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.240%
43) trans-1,3-Dichloroprop...	8.179	79	113545	48.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.920%
47) 2-Hexanone-d5	8.632	63	239229	107.774	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.770%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	401578	48.901	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	246761	48.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	235385	44.850	ug/L	99
3) Chloromethane	1.520	50	279940	45.882	ug/L	99
5) Vinyl chloride	1.601	62	276108	46.225	ug/L	98
6) Bromomethane	1.832	94	152870	50.660	ug/L	99
8) Chloroethane	1.919	64	155161	46.917	ug/L	99
9) Trichlorofluoromethane	2.128	101	291961	45.062	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	186744	45.031	ug/L	99
12) 1,1-Dichloroethene	2.575	96	181285	46.524	ug/L	94
13) Acetone	2.620	43	250732	87.344	ug/L	100
14) Carbon disulfide	2.787	76	588024	47.723	ug/L	99
15) Methyl Acetate	2.941	43	260871	48.155	ug/L	99
16) Methylene chloride	3.038	84	238252	44.035	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	193130	48.358	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	597155	49.047	ug/L	99
19) 1,1-Dichloroethane	3.864	63	380833	47.192	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	214267	48.387	ug/L	97
22) 2-Butanone	4.697	43	386890	102.247	ug/L	99
23) Bromochloromethane	4.970	128	108493	46.747	ug/L	99
25) Chloroform	5.086	83	379966	47.245	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	290731	47.568	ug/L	100
29) Cyclohexane	5.385	56	332257	49.835	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	312999	48.562	ug/L	98
31) Carbon tetrachloride	5.523	117	257336	48.061	ug/L	99
33) Benzene	5.771	78	884233	49.595	ug/L	100
34) Trichloroethene	6.539	95	203916	49.237	ug/L	99
35) Methylcyclohexane	6.761	83	335337	50.252	ug/L	98
37) 1,2-Dichloropropane	6.790	63	234409	48.046	ug/L	99
38) Bromodichloromethane	7.105	83	282355	48.575	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	332189	50.881	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	714021	106.194	ug/L	100
42) Toluene	7.967	91	918064	51.869	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	317738	51.161	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	217859	48.455	ug/L	99
46) Tetrachloroethene	8.552	164	146324	49.165	ug/L	98
48) 2-Hexanone	8.681	43	600551	106.892	ug/L	99
49) Dibromochloromethane	8.809	129	217534	49.345	ug/L	100
50) 1,2-Dibromoethane	8.922	107	232114	49.759	ug/L	100
51) Chlorobenzene	9.446	112	537013	49.698	ug/L	99
52) Ethylbenzene	9.568	91	921292	52.177	ug/L	100
53) m,p-Xylene	9.693	106	352355	53.675	ug/L	100
54) o-Xylene	10.099	106	344057	52.602	ug/L	100
55) Styrene	10.111	104	608045	54.221	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	413237	49.672	ug/L	99
59) Bromoform	10.288	173	162845	46.109	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	317192	46.087	ug/L	100
61) Isopropylbenzene	10.481	105	890731	50.938	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	750828	52.232	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	755066	53.041	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	400203	50.047	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	395890	48.765	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	422862	49.942	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	95429	50.413	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	287478	51.383	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	244829	53.473	ug/L	99
71) Naphthalene	14.086	128	934251	53.093	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	270471	52.782	ug/L	99

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

