

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047078.D
 Acq On : 10 Feb 2022 16:49
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV048

Quant Time: Feb 11 01:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 16:26:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	527048	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	497147	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	266819	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	210855	44.050	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.100%
7) Chloroethane-d5	1.919	69	159872	45.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.120%
11) 1,1-Dichloroethene-d2	2.575	63	357283	45.042	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.080%
21) 2-Butanone-d5	4.642	46	390088	105.079	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.080%
24) Chloroform-d	5.070	84	349781	45.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
26) 1,2-Dichloroethane-d4	5.706	65	222904	44.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
32) Benzene-d6	5.732	84	737264	44.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
36) 1,2-Dichloropropane-d6	6.693	67	237581	44.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.660%
41) Toluene-d8	7.902	98	705649	44.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.680%
43) trans-1,3-Dichloroprop...	8.182	79	129126	45.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.940%
47) 2-Hexanone-d5	8.636	63	310433	101.096	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	359499	45.998	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	285032	45.043	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	229617	46.758	ug/L	99
3) Chloromethane	1.526	50	222839	45.857	ug/L	100
5) Vinyl chloride	1.610	62	228098	46.578	ug/L	99
6) Bromomethane	1.864	94	138102	48.481	ug/L	96
8) Chloroethane	1.941	64	131851	46.703	ug/L	97
9) Trichlorofluoromethane	2.147	101	262510	46.290	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	167419	47.928	ug/L	96
12) 1,1-Dichloroethene	2.588	96	157570	45.975	ug/L	95
13) Acetone	2.661	43	335434	124.037	ug/L	96
14) Carbon disulfide	2.800	76	502010	46.670	ug/L	100
15) Methyl Acetate	2.961	43	231581	50.887	ug/L	95
16) Methylene chloride	3.054	84	177161	46.713	ug/L	94
17) trans-1,2-Dichloroethene	3.359	96	168117	46.689	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	565419	46.434	ug/L	97
19) 1,1-Dichloroethane	3.877	63	310825	45.963	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	188123	47.233	ug/L #	100
22) 2-Butanone	4.722	43	416048	114.661	ug/L	96
23) Bromochloromethane	4.980	128	99071	46.903	ug/L	99
25) Chloroform	5.092	83	305255	46.081	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	244278	46.409	ug/L	99
29) Cyclohexane	5.394	56	301592	46.288	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	275287	46.230	ug/L	99
31) Carbon tetrachloride	5.530	117	238297	46.155	ug/L	99
33) Benzene	5.780	78	709502	45.757	ug/L	100
34) Trichloroethene	6.546	95	185061	45.945	ug/L	99
35) Methylcyclohexane	6.767	83	317349	46.957	ug/L	96
37) 1,2-Dichloropropane	6.793	63	188411	45.362	ug/L	99
38) Bromodichloromethane	7.108	83	242896	45.882	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	308346	45.678	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	662624	100.743	ug/L	94
42) Toluene	7.973	91	794147	46.628	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	308346	47.540	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	181651	46.434	ug/L	97
46) Tetrachloroethene	8.555	164	152099	46.942	ug/L	96
48) 2-Hexanone	8.687	43	579648	106.565	ug/L	95
49) Dibromochloromethane	8.812	129	208430	46.052	ug/L	99
50) 1,2-Dibromoethane	8.928	107	202717	46.650	ug/L	100
51) Chlorobenzene	9.449	112	507979	46.516	ug/L	98
52) Ethylbenzene	9.574	91	870924	46.724	ug/L	99
53) m,p-Xylene	9.697	106	347151	46.941	ug/L	96
54) o-xylene	10.105	106	338276	46.457	ug/L	98
55) Styrene	10.118	104	585778	46.753	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	325138	47.145	ug/L	98
59) Bromoform	10.295	173	170382	47.036	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	270647	47.583	ug/L	96
61) Isopropylbenzene	10.488	105	875310	46.667	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	620229	46.658	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	757731	46.949	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	413579	47.256	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	413405	46.990	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	403732	46.355	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	87620	48.352	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	320613	47.370	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	307369	47.908	ug/L	99
71) Naphthalene	14.085	128	1104924	48.645	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	303522	47.512	ug/L	99

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

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