

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046663.D
 Acq On : 05 Jan 2022 14:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

Quant Time: Jan 06 02:58:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	211937	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	200201	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82097	44.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.913	69	61866	45.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.060%
11) 1,1-Dichloroethene-d2	2.568	63	141234	44.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.800%
21) 2-Butanone-d5	4.639	46	112567	83.163	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	5.064	84	142133	43.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.703	65	91409	44.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.420%
32) Benzene-d6	5.726	84	285915	45.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	6.694	67	85571	44.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.780%
41) Toluene-d8	7.899	98	264713	47.394	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.780%
43) trans-1,3-Dichloroprop...	8.179	79	45636	49.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.380%
47) 2-Hexanone-d5	8.636	63	96302	95.091	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.090%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127420	43.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	99754	46.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	90550	46.378	ug/L	100
3) Chloromethane	1.517	50	78185	44.999	ug/L	100
5) Vinyl chloride	1.601	62	84917	47.153	ug/L	99
6) Bromomethane	1.858	94	52317	45.858	ug/L	100
8) Chloroethane	1.935	64	52409	48.081	ug/L	95
9) Trichlorofluoromethane	2.138	101	124720	47.052	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	70594	47.354	ug/L	99
12) 1,1-Dichloroethene	2.578	96	65122	46.392	ug/L	95
13) Acetone	2.658	43	112067	86.997	ug/L	99
14) Carbon disulfide	2.794	76	192191	46.059	ug/L	100
15) Methyl Acetate	2.954	43	74828	45.479	ug/L	98
16) Methylene chloride	3.044	84	76542	44.265	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	69675	47.476	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	221594	50.820	ug/L	100
19) 1,1-Dichloroethane	3.867	63	124223	46.411	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	77408	49.214	ug/L	99
22) 2-Butanone	4.720	43	127521	86.835	ug/L	98
23) Bromochloromethane	4.973	128	40468	48.132	ug/L	98
25) Chloroform	5.086	83	136832	46.803	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	106052	47.214	ug/L	99
29) Cyclohexane	5.388	56	109105	51.267	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	122487	50.015	ug/L	99
31) Carbon tetrachloride	5.527	117	106240	50.080	ug/L	99
33) Benzene	5.774	78	291524	48.955	ug/L	100
34) Trichloroethene	6.543	95	75736	48.489	ug/L	99
35) Methylcyclohexane	6.764	83	125914	51.912	ug/L	99
37) 1,2-Dichloropropane	6.790	63	74480	48.879	ug/L	100
38) Bromodichloromethane	7.105	83	102680	49.000	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	120347	51.327	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	200574	96.286	ug/L	99
42) Toluene	7.970	91	317789	50.601	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	117200	51.522	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	75440	48.455	ug/L	98
46) Tetrachloroethene	8.555	164	60486	51.041	ug/L	97
48) 2-Hexanone	8.687	43	173088	98.032	ug/L	100
49) Dibromochloromethane	8.809	129	85159	49.803	ug/L	98
50) 1,2-Dibromoethane	8.925	107	82859	51.057	ug/L	99
51) Chlorobenzene	9.449	112	202826	49.686	ug/L	99
52) Ethylbenzene	9.571	91	344763	51.745	ug/L	99
53) m,p-Xylene	9.697	106	135903	52.814	ug/L	97
54) o-xylene	10.102	106	127793	51.935	ug/L	98
55) Styrene	10.115	104	226164	52.522	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	126688	46.526	ug/L	100
59) Bromoform	10.295	173	64233	51.056	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	104629	48.026	ug/L	100
61) Isopropylbenzene	10.488	105	346017	54.713	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	300630	56.550	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	300047	56.645	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	160835	50.739	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	163152	49.397	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	157276	49.365	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	31137	47.744	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	121665	50.113	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	108551	52.305	ug/L	99
71) Naphthalene	14.086	128	371282	55.006	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	110017	52.461	ug/L	99

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

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