

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044777.D
 Acq On : 23 Sep 2021 11:46
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV018

Quant Time: Sep 24 05:36:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	293413	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	283801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	143416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	150044	46.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.420%
7) Chloroethane-d5	1.909	69	117489	46.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.320%
11) 1,1-Dichloroethene-d2	2.571	63	254419	47.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.340%
21) 2-Butanone-d5	4.626	46	248017	97.670	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.670%
24) Chloroform-d	5.070	84	236214	46.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	5.706	65	158329	46.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
32) Benzene-d6	5.732	84	480377	48.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
36) 1,2-Dichloropropane-d6	6.697	67	153155	47.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	7.902	98	419719	49.387	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.780%
43) trans-1,3-Dichloroprop...	8.182	79	71052	49.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.480%
47) 2-Hexanone-d5	8.636	63	177681	99.851	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.850%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	228346	45.668	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.340%
66) 1,2-Dichlorobenzene-d4	12.198	152	153413	49.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	136833	48.705	ug/L	100
3) Chloromethane	1.520	50	161357	46.078	ug/L	100
5) Vinyl chloride	1.607	62	161292	47.012	ug/L	99
6) Bromomethane	1.848	94	85118	51.726	ug/L	99
8) Chloroethane	1.932	64	97714	45.379	ug/L	98
9) Trichlorofluoromethane	2.137	101	183797	46.805	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	115899	46.762	ug/L	99
12) 1,1-Dichloroethene	2.584	96	109605	48.238	ug/L	90
13) Acetone	2.629	43	267900	91.267	ug/L	99
14) Carbon disulfide	2.797	76	346604	47.616	ug/L	100
15) Methyl Acetate	2.951	43	171693	47.427	ug/L	100
16) Methylene chloride	3.051	84	131609	45.720	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	114394	47.793	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	387270	49.069	ug/L	99
19) 1,1-Dichloroethane	3.877	63	232125	46.616	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	127691	48.414	ug/L	95
22) 2-Butanone	4.703	43	306129	93.182	ug/L	100
23) Bromochloromethane	4.980	128	62370	46.648	ug/L	98
25) Chloroform	5.096	83	227168	45.890	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	192370	46.462	ug/L	100
29) Cyclohexane	5.395	56	219351	51.419	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	188549	47.994	ug/L	99
31) Carbon tetrachloride	5.530	117	149938	48.322	ug/L	100
33) Benzene	5.780	78	505769	48.049	ug/L	100
34) Trichloroethene	6.546	95	121157	47.921	ug/L	99
35) Methylcyclohexane	6.771	83	214029	50.564	ug/L	99
37) 1,2-Dichloropropane	6.796	63	136006	47.456	ug/L	99
38) Bromodichloromethane	7.112	83	169780	48.329	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	208041	50.733	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	466215	97.382	ug/L	100
42) Toluene	7.973	91	528641	49.429	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	196703	50.447	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	123674	47.617	ug/L	98
46) Tetrachloroethene	8.558	164	86551	47.895	ug/L	99
48) 2-Hexanone	8.687	43	408685	96.265	ug/L	99
49) Dibromochloromethane	8.816	129	122089	47.530	ug/L	100
50) 1,2-Dibromoethane	8.928	107	130211	47.884	ug/L	97
51) Chlorobenzene	9.452	112	320877	48.598	ug/L	99
52) Ethylbenzene	9.574	91	566771	50.165	ug/L	100
53) m,p-Xylene	9.700	106	218318	51.009	ug/L	98
54) o-xylene	10.105	106	213123	50.673	ug/L	98
55) Styrene	10.118	104	366506	50.673	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	224962	45.236	ug/L	99
59) Bromoform	10.295	173	86986	48.905	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	185513	46.768	ug/L	99
61) Isopropylbenzene	10.488	105	557902	53.155	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	477998	54.532	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	488924	54.470	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	244381	50.383	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	244991	49.229	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	247982	49.801	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	55510	48.696	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	172448	51.230	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	151330	54.100	ug/L	100
71) Naphthalene	14.092	128	587055	60.563	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	157224	54.935	ug/L	99

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

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