

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045330.D
 Acq On : 19 Oct 2021 15:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV024

Quant Time: Oct 20 03:08:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:57:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	322254	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	310815	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	152217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	65469	46.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.280%
7) Chloroethane-d5	1.906	69	63590	47.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.571	63	132505	47.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.800%
21) 2-Butanone-d5	4.626	46	201146	95.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.990%
24) Chloroform-d	5.070	84	184769	49.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
26) 1,2-Dichloroethane-d4	5.706	65	123320	48.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
32) Benzene-d6	5.732	84	295225	50.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.697	67	115695	50.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.820%
41) Toluene-d8	7.902	98	253522	50.843	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.680%
43) trans-1,3-Dichloroprop...	8.182	79	60032	52.043	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.080%
47) 2-Hexanone-d5	8.636	63	149765	105.035	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.030%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215577	50.180	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	12.198	152	139231	52.719	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	108226	46.068	ug/L	99
3) Chloromethane	1.523	50	120479	45.319	ug/L	100
5) Vinyl chloride	1.604	62	132973	45.222	ug/L	98
6) Bromomethane	1.845	94	74396	47.813	ug/L	98
8) Chloroethane	1.928	64	86474	46.817	ug/L	98
9) Trichlorofluoromethane	2.137	101	165092	46.158	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	105651	46.475	ug/L	98
12) 1,1-Dichloroethene	2.581	96	97022	46.296	ug/L	99
13) Acetone	2.629	43	161120	66.039	ug/L	99
14) Carbon disulfide	2.797	76	271293	47.095	ug/L	100
15) Methyl Acetate	2.951	43	139482	46.106	ug/L	98
16) Methylene chloride	3.051	84	121624	45.061	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	106280	47.274	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	380830	48.576	ug/L	100
19) 1,1-Dichloroethane	3.874	63	214035	46.525	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	123649	48.012	ug/L	99
22) 2-Butanone	4.706	43	214994	79.906	ug/L	99
23) Bromochloromethane	4.980	128	59735	47.098	ug/L	97
25) Chloroform	5.092	83	216680	46.270	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	177202	47.377	ug/L	99
29) Cyclohexane	5.394	56	186302	50.479	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	178374	48.640	ug/L	100
31) Carbon tetrachloride	5.530	117	138286	48.833	ug/L	99
33) Benzene	5.777	78	471870	48.766	ug/L	100
34) Trichloroethene	6.546	95	116391	48.781	ug/L	100
35) Methylcyclohexane	6.767	83	186219	49.687	ug/L	100
37) 1,2-Dichloropropane	6.796	63	127441	48.425	ug/L	100
38) Bromodichloromethane	7.111	83	165334	48.571	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	195747	49.681	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	394765	98.356	ug/L	99
42) Toluene	7.973	91	502172	49.748	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	189211	50.223	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	121711	48.254	ug/L	99
46) Tetrachloroethene	8.558	164	79933	48.356	ug/L	98
48) 2-Hexanone	8.687	43	315356	93.070	ug/L	97
49) Dibromochloromethane	8.816	129	120797	49.169	ug/L	98
50) 1,2-Dibromoethane	8.928	107	126783	48.819	ug/L	98
51) Chlorobenzene	9.452	112	308256	48.215	ug/L	99
52) Ethylbenzene	9.574	91	542274	49.503	ug/L	100
53) m,p-Xylene	9.697	106	209622	50.371	ug/L	98
54) o-xylene	10.105	106	208825	50.012	ug/L	100
55) Styrene	10.118	104	358686	50.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	218062	48.936	ug/L	99
59) Bromoform	10.295	173	85553	51.270	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	175261	50.143	ug/L	100
61) Isopropylbenzene	10.488	105	536483	51.614	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	454242	52.822	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	462077	53.072	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	235477	50.031	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	238821	50.023	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	239369	50.310	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	50083	51.457	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	165906	51.225	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	148800	54.807	ug/L	99
71) Naphthalene	14.092	128	595259	65.592	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	151672	55.920	ug/L	99

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

