

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071921\
 Data File : VV021683.D
 Acq On : 19 Jul 2021 16:08
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV231

Quant Time: Jul 20 01:54:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:38:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	449444	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	419103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	219027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155393	48.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.740%
7) Chloroethane-d5	1.561	69	119382	54.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.540%
11) 1,1-Dichloroethene-d2	2.105	63	265494	50.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.220%
21) 2-Butanone-d5	3.873	46	255505	104.261	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.260%
24) Chloroform-d	4.346	84	303169	50.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	5.030	65	181659	50.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.600%
32) Benzene-d6	5.047	84	616762	50.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	193873	50.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.540%
41) Toluene-d8	7.317	98	572195	50.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
43) trans-1,3-Dichloroprop...	7.622	79	98258	51.108	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.220%
47) 2-Hexanone-d5	8.085	63	182939	105.027	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259919	51.020	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	11.625	152	225772	49.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	161524	49.733	ug/L	100
3) Chloromethane	1.240	50	159208	51.930	ug/L	99
5) Vinyl chloride	1.307	62	163944	51.330	ug/L	100
6) Bromomethane	1.513	94	79427	52.159	ug/L	100
8) Chloroethane	1.577	64	99325	54.830	ug/L	99
9) Trichlorofluoromethane	1.748	101	233026	51.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	131197	51.709	ug/L	100
12) 1,1-Dichloroethene	2.114	96	123593	52.200	ug/L	91
13) Acetone	2.162	43	139213	89.566	ug/L	99
14) Carbon disulfide	2.291	76	416308	58.233	ug/L	100
15) Methyl Acetate	2.426	43	179626	52.698	ug/L	99
16) Methylene chloride	2.503	84	174592	51.017	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	149653	52.985	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	486862	50.822	ug/L	99
19) 1,1-Dichloroethane	3.185	63	273323	51.254	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	167707	51.310	ug/L	99
22) 2-Butanone	3.957	43	243565	102.698	ug/L	99
23) Bromochloromethane	4.243	128	88606	51.236	ug/L	98
25) Chloroform	4.371	83	278237	50.476	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	206336	52.153	ug/L	99
29) Cyclohexane	4.674	56	252981	54.564	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	248197	50.093	ug/L	100
31) Carbon tetrachloride	4.825	117	217547	50.981	ug/L	99
33) Benzene	5.098	78	616943	51.784	ug/L	100
34) Trichloroethene	5.911	95	165402	51.405	ug/L	97
35) Methylcyclohexane	6.130	83	263926	54.761	ug/L	99
37) 1,2-Dichloropropane	6.172	63	157837	50.548	ug/L	100
38) Bromodichloromethane	6.510	83	212026	50.414	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	261879	52.369	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	464183	101.650	ug/L	99
42) Toluene	7.387	91	665066	51.844	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	242257	51.130	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	157061	50.293	ug/L	99
46) Tetrachloroethene	7.976	164	132184	52.620	ug/L	99
48) 2-Hexanone	8.136	43	351713	100.010	ug/L	99
49) Dibromochloromethane	8.246	129	180521	51.154	ug/L	98
50) 1,2-Dibromoethane	8.352	107	170597	51.094	ug/L	100
51) Chlorobenzene	8.882	112	426086	50.637	ug/L	100
52) Ethylbenzene	9.011	91	709725	51.640	ug/L	99
53) m,p-Xylene	9.140	106	276523	51.782	ug/L	98
54) o-Xylene	9.545	106	273557	51.159	ug/L	98
55) Styrene	9.561	104	465542	51.660	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	245530	51.077	ug/L	99
59) Bromoform	9.731	173	132266	48.976	ug/L	99
60) Isopropylbenzene	9.931	105	718393	50.542	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	200445	49.341	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	608314	50.759	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	612078	50.559	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	336916	50.152	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	337411	50.177	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	339094	49.727	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	55360	49.264	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	244829	49.142	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	227403	51.737	ug/L	98
71) Naphthalene	13.503	128	699059	51.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	228448	50.979	ug/L	99

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

