

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032321\
 Data File : VW020721.D
 Acq On : 23 Mar 2021 19:24
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Mar 24 04:56:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	791488	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	770329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	420339	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	273705	48.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.42%		
7) Chloroethane-d5	1.571	69	206053	48.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.00%		
11) 1,1-Dichloroethene-d2	2.111	63	523819	49.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.82%		
21) 2-Butanone-d5	3.899	46	359672	98.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.38%		
24) Chloroform-d	4.352	84	551383	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.74%		
26) 1,2-Dichloroethane-d4	5.037	65	364012	49.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.96%		
32) Benzene-d6	5.053	84	1030420	50.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.36%		
36) 1,2-Dichloropropane-d6	6.072	67	320305	50.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.62%		
41) Toluene-d8	7.320	98	985065	51.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.08%		
43) trans-1,3-Dichloroprop...	7.625	79	172453	51.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.84%		
47) 2-Hexanone-d5	8.092	63	270116	102.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.20%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	449416	48.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.88%		
64) 1,2-Dichlorobenzene-d4	11.628	152	410403	50.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.62%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	364046	49.09	ug/L	99
3) Chloromethane	1.243	50	287308	48.53	ug/L	98
5) Vinyl chloride	1.314	62	302522	50.03	ug/L	99
6) Bromomethane	1.526	94	193280	50.70	ug/L	98
8) Chloroethane	1.587	64	175782	50.32	ug/L	96
9) Trichlorofluoromethane	1.754	101	512499	49.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	248995	50.12	ug/L	99
12) 1,1-Dichloroethene	2.121	96	233293	50.51	ug/L	98
13) Acetone	2.195	43	230655	88.48	ug/L	99
14) Carbon disulfide	2.298	76	765407	50.11	ug/L	100
15) Methyl Acetate	2.439	43	271610	49.91	ug/L	99
16) Methylene chloride	2.510	84	273146	48.49	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	271706	51.30	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	834816	50.84	ug/L	99
19) 1,1-Dichloroethane	3.195	63	494662	50.27	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	290356	51.24	ug/L	97
22) 2-Butanone	3.982	43	374729	98.21	ug/L	100
23) Bromochloromethane	4.253	128	154493	50.65	ug/L	97
25) Chloroform	4.381	83	526744	50.33	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	429708	51.39	ug/L	99
29) Cyclohexane	4.683	56	445879	51.17	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	488637	51.29	ug/L	100
31) Carbon tetrachloride	4.831	117	430998	50.65	ug/L	99
33) Benzene	5.105	78	1104285	51.97	ug/L	100
34) Trichloroethene	5.918	95	295423	50.72	ug/L	98
35) Methylcyclohexane	6.133	83	455262	50.94	ug/L	99
37) 1,2-Dichloropropane	6.178	63	280301	50.31	ug/L	100
38) Bromodichloromethane	6.513	83	399423	51.04	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	463425	53.87	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	761425	101.91	ug/L	100
42) Toluene	7.391	91	1206782	52.26	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	457461	52.81	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	275643	50.29	ug/L	99
46) Tetrachloroethene	7.979	164	246612	50.73	ug/L	99
48) 2-Hexanone	8.143	43	599590	105.12	ug/L	97
49) Dibromochloromethane	8.249	129	328794	51.50	ug/L	100
50) 1,2-Dibromoethane	8.355	107	301082	51.29	ug/L	98
51) Chlorobenzene	8.886	112	781948	50.44	ug/L	99
52) Ethylbenzene	9.014	91	1363857	51.75	ug/L	99
53) m,p-Xylene	9.143	106	513121	52.34	ug/L	99
54) o-xylene	9.548	106	492199	52.10	ug/L	99
55) Styrene	9.564	104	887405	53.46	ug/L	98
56) Isopropylbenzene	9.934	105	1361749	52.34	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	454286	50.81	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	366777	50.41	ug/L	99
61) Bromoform	9.735	173	245637	51.47	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	655016	51.06	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	673074	50.45	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	656871	51.96	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.432	75	105479	49.35	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	512629	51.56	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	446878	53.01	ug/L	99
69) Naphthalene	13.509	128	1352516	56.05	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	443615	52.55	ug/L	99

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

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