

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030068.D
 Acq On : 17 Feb 2023 16:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV214

Quant Time: Feb 20 01:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 01:04:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	448821	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	431619	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	260280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	144381	45.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.500%		
7) Chloroethane-d5	1.536	69	120009	49.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.300%		
11) 1,1-Dichloroethene-d2	2.066	63	283506	46.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.880%		
21) 2-Butanone-d5	3.796	46	190683	95.753	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.750%		
24) Chloroform-d	4.259	84	280613	47.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
26) 1,2-Dichloroethane-d4	4.950	65	164393	46.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.780%		
32) Benzene-d6	4.970	84	530369	46.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.540%		
36) 1,2-Dichloropropane-d6	5.995	67	171145	46.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.900%		
41) Toluene-d8	7.249	98	501596	46.365	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.740%		
43) trans-1,3-Dichloroprop...	7.558	79	87235	48.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.320%		
47) 2-Hexanone-d5	8.031	63	163141	96.004	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.000%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	259184	47.404	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	11.571	152	214496	46.272	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	246585	51.904	ug/L	100
3) Chloromethane	1.217	50	300155	49.238	ug/L	98
5) Vinyl chloride	1.285	62	218944	51.575	ug/L	100
6) Bromomethane	1.491	94	44117	57.172	ug/L	100
8) Chloroethane	1.552	64	127898	51.636	ug/L	100
9) Trichlorofluoromethane	1.719	101	290300	51.587	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	179072	51.994	ug/L	100
12) 1,1-Dichloroethene	2.076	96	155717	50.260	ug/L	96
13) Acetone	2.124	43	155565	101.781	ug/L	99
14) Carbon disulfide	2.246	76	447135	48.805	ug/L	100
15) Methyl Acetate	2.378	43	154378	48.575	ug/L	99
16) Methylene chloride	2.452	84	167538	49.393	ug/L	99
17) trans-1,2-Dichloroethene	2.700	96	158278	49.975	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	516199	51.215	ug/L	100
19) 1,1-Dichloroethane	3.118	63	295437	50.611	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	178241	50.889	ug/L	98
22) 2-Butanone	3.876	43	213453	99.536	ug/L	99
23) Bromochloromethane	4.156	128	93361	49.994	ug/L	97
25) Chloroform	4.285	83	304442	51.157	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	226862	51.041	ug/L	98
29) Cyclohexane	4.593	56	263425	52.376	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	271327	50.604	ug/L	99
31) Carbon tetrachloride	4.744	117	236478	50.240	ug/L	100
33) Benzene	5.018	78	640380	50.288	ug/L	100
34) Trichloroethene	5.841	95	175269	50.568	ug/L	98
35) Methylcyclohexane	6.060	83	290505	52.799	ug/L	99
37) 1,2-Dichloropropane	6.101	63	170672	50.892	ug/L	100
38) Bromodichloromethane	6.439	83	229135	50.869	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	291668	51.737	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	425243	101.995	ug/L	100
42) Toluene	7.323	91	708791	50.866	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	267920	52.256	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	175572	50.442	ug/L	100
46) Tetrachloroethene	7.912	164	149449	51.290	ug/L	99
48) 2-Hexanone	8.082	43	321196	99.964	ug/L	100
49) Dibromochloromethane	8.185	129	181822	50.385	ug/L	99
50) 1,2-Dibromoethane	8.291	107	191375	50.117	ug/L	100
51) Chlorobenzene	8.821	112	468886	50.491	ug/L	100
52) Ethylbenzene	8.953	91	794124	51.471	ug/L	99
53) m,p-Xylene	9.082	106	304122	51.593	ug/L	100
54) o-Xylene	9.487	106	295871	52.083	ug/L	99
55) Styrene	9.503	104	512345	52.794	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	286256	50.310	ug/L	98
59) Bromoform	9.674	173	131390	50.975	ug/L	100
60) Isopropylbenzene	9.876	105	811208	52.411	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	214295	49.762	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	682770	53.261	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	668642	53.069	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	397629	50.978	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	402194	50.393	ug/L	100
67) 1,2-Dichlorobenzene	11.590	146	390001	50.219	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	62083	49.414	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	322769	51.855	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	297952	50.929	ug/L	99
71) Naphthalene	13.448	128	858421	50.586	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	288346	50.221	ug/L	99

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

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