

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061423\
 Data File : VW031517.D
 Acq On : 14 Jun 2023 15:50
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

Quant Time: Jun 15 00:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	227177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	225209	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	132813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	71197	47.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.180%
7) Chloroethane-d5	1.536	69	64865	49.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.340%
11) 1,1-Dichloroethene-d2	2.066	65	36139	46.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.760%
21) 2-Butanone-d5	3.796	46	141071	115.230	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.230%
24) Chloroform-d	4.259	84	191835	50.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	4.950	65	123437	52.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.200%
32) Benzene-d6	4.969	84	324217	51.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
36) 1,2-Dichloropropane-d6	5.995	67	114277	50.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.720%
41) Toluene-d8	7.249	98	301810	51.883	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.760%
43) trans-1,3-Dichloroprop...	7.558	79	58703	53.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.200%
47) 2-Hexanone-d5	8.030	63	106562	120.123	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.120%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	174835	51.554	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.100%
66) 1,2-Dichlorobenzene-d4	11.567	152	128057	50.582	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	109205	45.319	ug/L	99
3) Chloromethane	1.217	50	105658	46.468	ug/L	99
5) Vinyl chloride	1.288	62	103881	46.087	ug/L	99
6) Bromomethane	1.490	94	72317	49.226	ug/L	100
8) Chloroethane	1.552	64	69863	47.989	ug/L	98
9) Trichlorofluoromethane	1.719	101	171948	45.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	94015	46.783	ug/L	96
12) 1,1-Dichloroethene	2.076	96	78941	46.962	ug/L	99
13) Acetone	2.121	43	95404	78.974	ug/L	97
14) Carbon disulfide	2.246	76	243574	47.904	ug/L	100
15) Methyl Acetate	2.378	43	109995	54.080	ug/L	99
16) Methylene chloride	2.455	84	100894	47.876	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	84875	48.372	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	313839	53.605	ug/L	99
19) 1,1-Dichloroethane	3.121	63	185450	48.970	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	95935	50.593	ug/L	98
22) 2-Butanone	3.876	43	147075	97.456	ug/L	98
23) Bromochloromethane	4.156	128	51328	50.077	ug/L	94
25) Chloroform	4.288	83	194902	49.509	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	159020	52.339	ug/L	99
29) Cyclohexane	4.593	56	144096	49.179	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	172235	47.700	ug/L	99
31) Carbon tetrachloride	4.744	117	149808	46.826	ug/L	99
33) Benzene	5.018	78	372961	49.741	ug/L	100
34) Trichloroethene	5.841	95	96369	48.098	ug/L	96
35) Methylcyclohexane	6.059	83	143930	48.753	ug/L	100
37) 1,2-Dichloropropane	6.101	63	107808	48.964	ug/L	100
38) Bromodichloromethane	6.439	83	149312	50.171	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	170426	52.144	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	294078	113.749	ug/L	100
42) Toluene	7.323	91	396039	50.943	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	170147	53.458	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	106445	51.178	ug/L	98
46) Tetrachloroethene	7.911	164	73911	47.001	ug/L	98
48) 2-Hexanone	8.082	43	230863	111.809	ug/L	98
49) Dibromochloromethane	8.182	129	118141	51.107	ug/L	97
50) 1,2-Dibromoethane	8.288	107	114017	51.483	ug/L	99
51) Chlorobenzene	8.818	112	253145	49.165	ug/L	99
52) Ethylbenzene	8.953	91	435150	50.163	ug/L	100
53) m,p-Xylene	9.079	106	163223	51.380	ug/L	96
54) o-Xylene	9.484	106	154903	51.383	ug/L	100
55) Styrene	9.500	104	289109	53.697	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	175799	51.729	ug/L	96
59) Bromoform	9.670	173	87329	53.045	ug/L	96
60) Isopropylbenzene	9.873	105	429420	50.716	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	138680	52.866	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	360080	51.454	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	339234	52.026	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	213735	50.349	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	218631	48.332	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	213123	49.743	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	41534	53.345	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	158617	49.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	145283	51.242	ug/L	98
71) Naphthalene	13.445	128	397566	55.359	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	152444	51.741	ug/L	98

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

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