

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031393.D
 Acq On : 07 Jun 2023 12:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV232

Quant Time: Jun 08 04:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 04:14:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	285368	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	281837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	159172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121652	48.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.900%
7) Chloroethane-d5	1.532	69	99592	48.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.980%
11) 1,1-Dichloroethene-d2	2.060	65	57138	48.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
21) 2-Butanone-d5	3.796	46	203245	112.011	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.010%
24) Chloroform-d	4.252	84	239630	50.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.340%
26) 1,2-Dichloroethane-d4	4.947	65	163318	50.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.940%
32) Benzene-d6	4.963	84	424047	50.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.920%
36) 1,2-Dichloropropane-d6	5.992	67	147993	51.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.340%
41) Toluene-d8	7.246	98	401296	52.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.555	79	76382	52.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.860%
47) 2-Hexanone-d5	8.030	63	126709	116.316	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.320%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	189676	51.965	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	11.567	152	152273	51.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	52527	45.900	ug/L	97
3) Chloromethane	1.217	50	43455	46.793	ug/L	98
5) Vinyl chloride	1.282	62	51357	46.351	ug/L	97
6) Bromomethane	1.491	94	31221	46.883	ug/L	98
8) Chloroethane	1.548	64	40715	45.608	ug/L	95
9) Trichlorofluoromethane	1.716	101	125564	46.950	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	81662	47.217	ug/L	98
12) 1,1-Dichloroethene	2.072	96	53425	46.928	ug/L	98
13) Acetone	2.127	43	136322	83.981	ug/L	97
14) Carbon disulfide	2.243	76	42427	43.568	ug/L	97
15) Methyl Acetate	2.378	43	128323	52.351	ug/L	100
16) Methylene chloride	2.449	84	81743	47.567	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	52611	48.742	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	350329	52.803	ug/L	99
19) 1,1-Dichloroethane	3.114	63	178594	47.834	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	87550	49.891	ug/L	99
22) 2-Butanone	3.879	43	192759	96.618	ug/L	98
23) Bromochloromethane	4.153	128	44660	48.396	ug/L	98
25) Chloroform	4.281	83	200083	48.057	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	157444	51.789	ug/L	99
29) Cyclohexane	4.587	56	76748	50.845	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	159108	47.826	ug/L	100
31) Carbon tetrachloride	4.741	117	130865	47.353	ug/L	98
33) Benzene	5.014	78	320356	51.515	ug/L	100
34) Trichloroethene	5.838	95	95942	48.969	ug/L	98
35) Methylcyclohexane	6.056	83	82030	48.954	ug/L	95
37) 1,2-Dichloropropane	6.098	63	109056	48.721	ug/L	100
38) Bromodichloromethane	6.436	83	162094	49.477	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	177387	53.044	ug/L	96
40) 4-Methyl-2-pentanone	7.162	43	405026	111.389	ug/L	99
42) Toluene	7.320	91	354663	50.953	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	180992	53.359	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	118882	51.383	ug/L	99
46) Tetrachloroethene	7.908	164	62306	48.986	ug/L	98
48) 2-Hexanone	8.082	43	309569	108.767	ug/L	100
49) Dibromochloromethane	8.182	129	128428	50.886	ug/L	99
50) 1,2-Dibromoethane	8.288	107	113514	50.963	ug/L	96
51) Chlorobenzene	8.818	112	256880	48.536	ug/L	100
52) Ethylbenzene	8.950	91	439024	50.679	ug/L	100
53) m,p-Xylene	9.079	106	160795	51.508	ug/L	99
54) o-Xylene	9.484	106	162045	51.456	ug/L	98
55) Styrene	9.500	104	308812	53.787	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	182247	51.386	ug/L	99
59) Bromoform	9.670	173	103987	50.986	ug/L	99
60) Isopropylbenzene	9.873	105	475554	52.285	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	166926	51.805	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	398015	52.986	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	404546	53.804	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	236273	50.751	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	247175	50.195	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	241690	50.642	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	46545	54.498	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	182749	50.986	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	163515	53.474	ug/L	99
71) Naphthalene	13.445	128	489987	58.464	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	167891	54.777	ug/L	98

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

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