

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032790.D
 Acq On : 31 Oct 2023 11:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV278

Quant Time: Nov 01 05:38:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:32:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	339672	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	368388	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	203296	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	148218	45.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.760%
7) Chloroethane-d5	1.532	69	129190	47.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.620%
11) 1,1-Dichloroethene-d2	2.059	65	59160	44.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.660%
21) 2-Butanone-d5	3.783	46	154516	110.263	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.260%
24) Chloroform-d	4.249	84	254402	49.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.660%
26) 1,2-Dichloroethane-d4	4.940	65	165856	51.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
32) Benzene-d6	4.960	84	492691	52.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.040%
36) 1,2-Dichloropropane-d6	5.989	67	146729	50.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.980%
41) Toluene-d8	7.243	98	496089	53.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.380%
43) trans-1,3-Dichloroprop...	7.551	79	83349	55.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.240%
47) 2-Hexanone-d5	8.024	63	123305	117.374	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.370%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	230562	52.800	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	199742	50.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	131164	43.885	ug/L	99
3) Chloromethane	1.217	50	135527	46.871	ug/L	98
5) Vinyl chloride	1.285	62	138968	45.073	ug/L	99
6) Bromomethane	1.484	94	99787	46.384	ug/L	97
8) Chloroethane	1.548	64	96968	46.718	ug/L	99
9) Trichlorofluoromethane	1.712	101	213713	43.496	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	130493	43.893	ug/L	99
12) 1,1-Dichloroethene	2.069	96	110512	43.500	ug/L	98
13) Acetone	2.111	43	222995	95.069	ug/L	100
14) Carbon disulfide	2.240	76	288282	47.535	ug/L	99
15) Methyl Acetate	2.371	43	124246	52.242	ug/L	99
16) Methylene chloride	2.445	84	149443	44.348	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	113524	46.818	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	385103	53.778	ug/L	99
19) 1,1-Dichloroethane	3.111	63	216652	46.884	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	130315	48.662	ug/L	100
22) 2-Butanone	3.863	43	206164	103.641	ug/L	99
23) Bromochloromethane	4.146	128	75391	50.439	ug/L	95
25) Chloroform	4.275	83	245954	46.699	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	194890	51.346	ug/L	99
29) Cyclohexane	4.583	56	161027	48.636	ug/L #	92
30) 1,1,1-Trichloroethane	4.513	97	203940	46.207	ug/L	99
31) Carbon tetrachloride	4.735	117	175680	45.045	ug/L	99
33) Benzene	5.008	78	496303	50.807	ug/L	100
34) Trichloroethene	5.834	95	128250	47.164	ug/L	97
35) Methylcyclohexane	6.050	83	208204	48.933	ug/L	98
37) 1,2-Dichloropropane	6.091	63	122334	47.179	ug/L	98
38) Bromodichloromethane	6.432	83	202029	49.664	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	225639	58.005	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	363441	118.270	ug/L	99
42) Toluene	7.317	91	578344	51.989	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	217795	54.509	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	151674	50.997	ug/L	98
46) Tetrachloroethene	7.905	164	113248	46.157	ug/L	98
48) 2-Hexanone	8.075	43	304006	110.261	ug/L	99
49) Dibromochloromethane	8.178	129	159111	51.170	ug/L	98
50) 1,2-Dibromoethane	8.281	107	160816	53.074	ug/L	97
51) Chlorobenzene	8.815	112	385263	48.919	ug/L	99
52) Ethylbenzene	8.947	91	624540	50.894	ug/L	99
53) m,p-Xylene	9.072	106	241592	51.729	ug/L	98
54) o-Xylene	9.480	106	232681	51.427	ug/L	97
55) Styrene	9.496	104	424652	53.856	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	230945	51.846	ug/L	99
59) Bromoform	9.667	173	115952	50.871	ug/L	98
60) Isopropylbenzene	9.869	105	631476	51.220	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	173734	51.163	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	514957	53.079	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	503483	54.252	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	317750	49.472	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	328274	48.440	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	320428	48.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	45424	51.399	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	224946	48.514	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	208290	51.944	ug/L	99
71) Naphthalene	13.442	128	610541	60.971	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	213403	53.302	ug/L	98

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

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