

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033018.D
 Acq On : 20 Nov 2023 12:14
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV210

Quant Time: Nov 20 23:33:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:27:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	356341	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	348329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	207870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90101	48.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.720%
7) Chloroethane-d5	1.532	69	68706	47.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.900%
11) 1,1-Dichloroethene-d2	2.059	65	36310	47.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.260%
21) 2-Butanone-d5	3.783	46	128001	107.981	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.980%
24) Chloroform-d	4.249	84	223803	48.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	4.940	65	139233	48.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
32) Benzene-d6	4.960	84	418583	51.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	5.989	67	118761	51.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.260%
41) Toluene-d8	7.243	98	399877	51.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	7.551	79	69473	51.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.460%
47) 2-Hexanone-d5	8.024	63	107991	113.453	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.450%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	176020	50.271	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.540%
66) 1,2-Dichlorobenzene-d4	11.561	152	189628	51.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	169979	44.153	ug/L	98
3) Chloromethane	1.214	50	133576	46.493	ug/L	99
5) Vinyl chloride	1.285	62	122822	46.085	ug/L	100
6) Bromomethane	1.484	94	81960	46.539	ug/L	95
8) Chloroethane	1.548	64	68468	46.447	ug/L	99
9) Trichlorofluoromethane	1.715	101	197533	45.781	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	95189	44.742	ug/L	98
12) 1,1-Dichloroethene	2.072	96	90647	46.145	ug/L	89
13) Acetone	2.108	43	99504	85.791	ug/L	98
14) Carbon disulfide	2.243	76	307469	47.062	ug/L	98
15) Methyl Acetate	2.371	43	98645	48.514	ug/L	97
16) Methylene chloride	2.445	84	126284	45.376	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	120225	47.823	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	391667	49.665	ug/L	99
19) 1,1-Dichloroethane	3.111	63	210600	46.896	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	134069	47.564	ug/L	99
22) 2-Butanone	3.860	43	143774	95.737	ug/L	100
23) Bromochloromethane	4.149	128	72565	46.805	ug/L	98
25) Chloroform	4.275	83	235745	46.641	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	185066	46.934	ug/L	99
29) Cyclohexane	4.583	56	166308	49.486	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	218742	48.079	ug/L	99
31) Carbon tetrachloride	4.738	117	198978	46.932	ug/L	99
33) Benzene	5.011	78	477566	49.290	ug/L	100
34) Trichloroethene	5.834	95	133711	48.961	ug/L	100
35) Methylcyclohexane	6.050	83	192825	48.579	ug/L	99
37) 1,2-Dichloropropane	6.091	63	117002	49.199	ug/L	99
38) Bromodichloromethane	6.432	83	179202	48.498	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	211771	51.725	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	276899	106.447	ug/L	99
42) Toluene	7.317	91	534556	49.793	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	208066	50.575	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	131434	49.075	ug/L	100
46) Tetrachloroethene	7.905	164	113059	47.506	ug/L	98
48) 2-Hexanone	8.072	43	219925	106.866	ug/L	98
49) Dibromochloromethane	8.175	129	149055	48.288	ug/L	100
50) 1,2-Dibromoethane	8.281	107	138138	49.247	ug/L	98
51) Chlorobenzene	8.815	112	359843	47.235	ug/L	98
52) Ethylbenzene	8.947	91	601357	48.795	ug/L	99
53) m,p-Xylene	9.072	106	237168	48.981	ug/L	98
54) o-Xylene	9.477	106	229618	49.264	ug/L	98
55) Styrene	9.496	104	417424	50.204	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	188638	49.859	ug/L	98
59) Bromoform	9.664	173	120600	49.783	ug/L	99
60) Isopropylbenzene	9.866	105	631888	50.144	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	147102	49.055	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	507821	50.227	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	536460	50.649	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	327382	48.491	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	338327	47.144	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	323692	47.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	45766	52.462	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	254460	48.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	241337	50.171	ug/L	99
71) Naphthalene	13.438	128	687888	57.817	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	246399	52.833	ug/L	99

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

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