

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033249.D
 Acq On : 12 Dec 2023 05:39
 Operator : SY/MD
 Sample : 05751-13MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF6MS

Quant Time: Dec 12 06:55:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	273489	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	280153	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171271	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86853	53.124	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 106.240%		
7) Chloroethane-d5	1.529	69	62937	55.249	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 110.500%		
11) 1,1-Dichloroethene-d2	2.059	65	33314	53.563	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 107.120%		
21) 2-Butanone-d5	3.783	46	83988	103.430	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 103.430%		
24) Chloroform-d	4.246	84	189318	54.565	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.120%		
26) 1,2-Dichloroethane-d4	4.940	65	118470	54.920	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.840%		
32) Benzene-d6	4.960	84	352110	53.740	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.480%		
36) 1,2-Dichloropropane-d6	5.989	67	88792	50.401	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 100.800%		
41) Toluene-d8	7.243	98	353175	56.505	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 113.000%		
43) trans-1,3-Dichloroprop...	7.551	79	54850	49.236	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 98.480%		
47) 2-Hexanone-d5	8.021	63	74244	104.903	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 104.900%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	139001	55.504	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 111.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	161868	53.118	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	143079	47.862	ug/L	100
3) Chloromethane	1.214	50	90002	45.648	ug/L	100
5) Vinyl chloride	1.281	62	93793	49.602	ug/L	100
6) Bromomethane	1.484	94	51225	41.516	ug/L	99
8) Chloroethane	1.548	64	52957	52.603	ug/L	97
9) Trichlorofluoromethane	1.712	101	169854	54.437	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80963	55.256	ug/L	97
12) 1,1-Dichloroethene	2.069	96	129478	94.432	ug/L	87
13) Acetone	2.108	43	125757	162.223	ug/L	99
14) Carbon disulfide	2.240	76	225902	45.922	ug/L	98
15) Methyl Acetate	2.368	43	53673	41.541	ug/L	96
16) Methylene chloride	2.445	84	91952	50.646	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	91666	50.919	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	290714	53.158	ug/L	98
19) 1,1-Dichloroethane	3.111	63	161719	54.275	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	123345	64.572	ug/L	95
22) 2-Butanone	3.860	43	135754	137.607	ug/L	95
23) Bromochloromethane	4.146	128	59095	53.878	ug/L	96
25) Chloroform	4.275	83	188449	54.993	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	145053	53.567	ug/L	99
29) Cyclohexane	4.583	56	121177	46.830	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	195883	56.576	ug/L	98
31) Carbon tetrachloride	4.735	117	173757	53.973	ug/L	97
33) Benzene	5.008	78	368560	51.915	ug/L	100
34) Trichloroethene	5.831	95	207462	97.816	ug/L	97
35) Methylcyclohexane	6.050	83	150817	48.995	ug/L	98
37) 1,2-Dichloropropane	6.091	63	83777	50.990	ug/L	99
38) Bromodichloromethane	6.432	83	140543	53.060	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	151935	50.962	ug/L	100
40) 4-Methyl-2-pentanone	7.152	43	187599	107.539	ug/L	97
42) Toluene	7.313	91	430709	53.839	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	150026	49.765	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	102920	54.026	ug/L	98
46) Tetrachloroethene	7.905	164	94196	51.664	ug/L	95
48) 2-Hexanone	8.072	43	147026	101.653	ug/L	97
49) Dibromochloromethane	8.175	129	124217	54.621	ug/L	99
50) 1,2-Dibromoethane	8.281	107	108507	53.425	ug/L	98
51) Chlorobenzene	8.812	112	290768	51.686	ug/L	100
52) Ethylbenzene	8.947	91	480715	52.205	ug/L	99
53) m,p-Xylene	9.072	106	194368	53.301	ug/L	90
54) o-Xylene	9.477	106	190296	52.884	ug/L	97
55) Styrene	9.493	104	343625	55.202	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	148265	56.964	ug/L	99
59) Bromoform	9.664	173	102003	54.874	ug/L	99
60) Isopropylbenzene	9.866	105	521994	52.858	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	114629	53.674	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	419273	52.696	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	438079	52.868	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	272200	51.593	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	275074	50.192	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	275812	53.325	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	35941	54.847	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	203825	48.231	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	190472	48.784	ug/L	98
71) Naphthalene	13.438	128	475409	49.929	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	195045	51.772	ug/L	99

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

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