

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033250.D
 Acq On : 12 Dec 2023 06:03
 Operator : SY/MD
 Sample : 05751-14MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHF6MSD

Quant Time: Dec 12 06:55:59 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	238353	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	243974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69720	48.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.860%
7) Chloroethane-d5	1.529	69	53955	54.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.700%
11) 1,1-Dichloroethene-d2	2.060	65	26881	49.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.180%
21) 2-Butanone-d5	3.780	46	82880	117.111	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.110%
24) Chloroform-d	4.246	84	168596	55.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.520%
26) 1,2-Dichloroethane-d4	4.941	65	107471	57.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.320%
32) Benzene-d6	4.960	84	303885	53.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.520%
36) 1,2-Dichloropropane-d6	5.989	67	83011	54.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.220%
41) Toluene-d8	7.243	98	302537	55.581	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.160%
43) trans-1,3-Dichloroprop...	7.551	79	51102	52.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.340%
47) 2-Hexanone-d5	8.021	63	71449	115.924	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	131105	60.114	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.220%#
66) 1,2-Dichlorobenzene-d4	11.561	152	141144	53.591	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107899	41.414	ug/L	100
3) Chloromethane	1.214	50	81709	47.551	ug/L	99
5) Vinyl chloride	1.282	62	76788	46.595	ug/L	99
6) Bromomethane	1.484	94	50148	46.634	ug/L	100
8) Chloroethane	1.545	64	44862	51.132	ug/L	99
9) Trichlorofluoromethane	1.712	101	131407	48.323	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	60223	47.160	ug/L	98
12) 1,1-Dichloroethene	2.069	96	100344	83.972	ug/L	88
13) Acetone	2.108	43	124318	184.006	ug/L	99
14) Carbon disulfide	2.240	76	181429	42.318	ug/L	100
15) Methyl Acetate	2.368	43	52771	46.864	ug/L	93
16) Methylene chloride	2.446	84	85488	54.026	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	78489	50.026	ug/L	95
18) Methyl tert-butyl Ether	2.700	73	274921	57.681	ug/L	99
19) 1,1-Dichloroethane	3.111	63	145140	55.892	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	110283	66.245	ug/L	95
22) 2-Butanone	3.857	43	132533	154.145	ug/L	95
23) Bromochloromethane	4.146	128	54016	56.507	ug/L	94
25) Chloroform	4.275	83	165756	55.501	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	138461	58.670	ug/L	98
29) Cyclohexane	4.584	56	87580	38.865	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	162248	53.810	ug/L	98
31) Carbon tetrachloride	4.735	117	134941	48.132	ug/L	99
33) Benzene	5.008	78	322671	52.191	ug/L	100
34) Trichloroethene	5.831	95	170508	92.314	ug/L	98
35) Methylcyclohexane	6.050	83	111062	41.430	ug/L	96
37) 1,2-Dichloropropane	6.092	63	77169	53.933	ug/L	99
38) Bromodichloromethane	6.429	83	127775	55.393	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	140602	54.154	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	185068	121.820	ug/L	98
42) Toluene	7.314	91	369065	52.975	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	139316	53.065	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	93630	56.437	ug/L	98
46) Tetrachloroethene	7.905	164	75727	47.694	ug/L	98
48) 2-Hexanone	8.072	43	141335	112.209	ug/L	98
49) Dibromochloromethane	8.175	129	112723	56.917	ug/L	99
50) 1,2-Dibromoethane	8.281	107	100771	56.973	ug/L	99
51) Chlorobenzene	8.812	112	259953	53.060	ug/L	98
52) Ethylbenzene	8.947	91	404865	50.488	ug/L	99
53) m,p-Xylene	9.072	106	164890	51.923	ug/L	92
54) o-Xylene	9.477	106	167069	53.314	ug/L	99
55) Styrene	9.497	104	298473	55.058	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	139694	61.630	ug/L	100
59) Bromoform	9.664	173	94833	59.029	ug/L	100
60) Isopropylbenzene	9.866	105	423392	49.606	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	111099	60.191	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	343940	50.016	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	369983	51.662	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	234742	51.481	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	242327	51.161	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	240981	53.908	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	34658	61.194	ug/L	91
69) 1,3,5-Trichlorobenzene	12.583	180	170444	46.666	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	160174	47.467	ug/L	99
71) Naphthalene	13.439	128	484470	58.871	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	170326	52.310	ug/L	98

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

