

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033177.D
 Acq On : 08 Dec 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: Dec 08 21:49:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 04:15:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	287756	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290283	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	183878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81166	47.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.360%
7) Chloroethane-d5	1.532	69	59429	49.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.160%
11) 1,1-Dichloroethene-d2	2.060	65	32106	49.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.120%
21) 2-Butanone-d5	3.780	46	76918	90.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.030%
24) Chloroform-d	4.246	84	185409	50.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.580%
26) 1,2-Dichloroethane-d4	4.937	65	115780	51.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
32) Benzene-d6	4.957	84	345829	50.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.880%
36) 1,2-Dichloropropane-d6	5.985	67	88576	48.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.040%
41) Toluene-d8	7.243	98	339354	52.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.548	79	55746	48.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
47) 2-Hexanone-d5	8.021	63	67804	92.460	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	132183	50.939	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.880%
66) 1,2-Dichlorobenzene-d4	11.561	152	161876	49.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	156819	49.857	ug/L	99
3) Chloromethane	1.214	50	98024	47.252	ug/L	99
5) Vinyl chloride	1.285	62	97670	49.091	ug/L	97
6) Bromomethane	1.484	94	66172	50.971	ug/L	98
8) Chloroethane	1.548	64	52447	49.514	ug/L	97
9) Trichlorofluoromethane	1.712	101	176340	53.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	84883	55.059	ug/L	97
12) 1,1-Dichloroethene	2.069	96	76437	52.984	ug/L	100
13) Acetone	2.108	43	79186	97.083	ug/L	99
14) Carbon disulfide	2.243	76	242231	46.800	ug/L	100
15) Methyl Acetate	2.368	43	62405	45.905	ug/L	98
16) Methylene chloride	2.445	84	95835	50.167	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	93410	49.315	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	287344	49.937	ug/L	98
19) 1,1-Dichloroethane	3.108	63	154246	49.201	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	104556	52.022	ug/L	97
22) 2-Butanone	3.857	43	91286	87.944	ug/L	95
23) Bromochloromethane	4.143	128	59539	51.592	ug/L	96
25) Chloroform	4.272	83	186338	51.681	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	153126	53.745	ug/L	100
29) Cyclohexane	4.584	56	127587	47.586	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	188493	52.542	ug/L	98
31) Carbon tetrachloride	4.735	117	179412	53.785	ug/L	98
33) Benzene	5.005	78	377804	51.360	ug/L	100
34) Trichloroethene	5.831	95	109623	49.882	ug/L	98
35) Methylcyclohexane	6.050	83	167865	52.630	ug/L	97
37) 1,2-Dichloropropane	6.092	63	87558	51.432	ug/L	100
38) Bromodichloromethane	6.429	83	140231	51.094	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	153286	49.621	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	172730	95.560	ug/L	97
42) Toluene	7.313	91	442510	53.384	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	164143	52.548	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	101946	51.647	ug/L	98
46) Tetrachloroethene	7.905	164	101824	53.899	ug/L	95
48) 2-Hexanone	8.072	43	147306	98.293	ug/L	99
49) Dibromochloromethane	8.175	129	125426	53.228	ug/L	98
50) 1,2-Dibromoethane	8.281	107	109134	51.858	ug/L	99
51) Chlorobenzene	8.812	112	304525	52.242	ug/L	98
52) Ethylbenzene	8.947	91	503463	52.767	ug/L	99
53) m,p-Xylene	9.072	106	206741	54.716	ug/L	91
54) o-Xylene	9.477	106	194879	52.267	ug/L	99
55) Styrene	9.493	104	351827	54.547	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	138775	51.458	ug/L	99
59) Bromoform	9.664	173	101727	50.974	ug/L	100
60) Isopropylbenzene	9.866	105	550989	51.969	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	110485	48.187	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	444483	52.034	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	464425	52.205	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	293031	51.734	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	299317	50.871	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	286042	51.512	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	31746	45.124	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	224361	49.450	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	206679	49.306	ug/L	100
71) Naphthalene	13.439	128	459845	44.983	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	202536	50.074	ug/L	98

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

