

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011124\
 Data File : VW033578.D
 Acq On : 11 Jan 2024 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050377

Quant Time: Jan 11 20:38:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	322140	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158107	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	120785	48.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.580%
7) Chloroethane-d5	1.529	69	93803	47.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.680%
11) 1,1-Dichloroethene-d2	2.059	65	51272	48.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.240%
21) 2-Butanone-d5	3.783	46	148378	87.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.380%
24) Chloroform-d	4.246	84	211310	47.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
26) 1,2-Dichloroethane-d4	4.937	65	136923	47.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	4.956	84	415537	48.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	5.985	67	135555	47.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.780%
41) Toluene-d8	7.239	98	377010	48.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	7.548	79	67346	48.140	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.280%
47) 2-Hexanone-d5	8.021	63	106809	90.968	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.970%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	159635	44.176	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.360%
66) 1,2-Dichlorobenzene-d4	11.561	152	142539	47.517	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	131128	48.929	ug/L	100
3) Chloromethane	1.214	50	150876	49.509	ug/L	99
5) Vinyl chloride	1.285	62	146709	50.323	ug/L	100
6) Bromomethane	1.481	94	75630	49.637	ug/L	100
8) Chloroethane	1.545	64	86625	49.830	ug/L	98
9) Trichlorofluoromethane	1.712	101	178647	51.351	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	105195	51.324	ug/L	99
12) 1,1-Dichloroethene	2.069	96	98058	50.720	ug/L	97
13) Acetone	2.111	43	151623	93.384	ug/L	99
14) Carbon disulfide	2.240	76	331021	50.376	ug/L	99
15) Methyl Acetate	2.371	43	128138	48.262	ug/L	# 100
16) Methylene chloride	2.445	84	115804	49.100	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	107499	49.777	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	386937	49.817	ug/L	100
19) 1,1-Dichloroethane	3.111	63	226704	51.347	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	120433	50.106	ug/L	97
22) 2-Butanone	3.860	43	184914	93.771	ug/L	94
23) Bromochloromethane	4.143	128	58206	49.849	ug/L	96
25) Chloroform	4.272	83	213146	50.917	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	174522	49.914	ug/L	99
29) Cyclohexane	4.580	56	219461	51.465	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	186892	51.486	ug/L	100
31) Carbon tetrachloride	4.731	117	160950	51.946	ug/L	99
33) Benzene	5.008	78	458352	51.591	ug/L	100
34) Trichloroethene	5.831	95	123584	51.856	ug/L	99
35) Methylcyclohexane	6.046	83	211452	51.846	ug/L	99
37) 1,2-Dichloropropane	6.088	63	126660	51.808	ug/L	99
38) Bromodichloromethane	6.429	83	165170	51.644	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	201475	49.350	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	342803	94.631	ug/L	100
42) Toluene	7.313	91	478610	50.962	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	195555	51.979	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	111740	50.373	ug/L	99
46) Tetrachloroethene	7.905	164	88354	50.545	ug/L	98
48) 2-Hexanone	8.072	43	267067	92.523	ug/L	98
49) Dibromochloromethane	8.175	129	116241	50.314	ug/L	99
50) 1,2-Dibromoethane	8.281	107	116753	49.805	ug/L	99
51) Chlorobenzene	8.812	112	302166	50.510	ug/L	98
52) Ethylbenzene	8.943	91	554044	50.934	ug/L	98
53) m,p-Xylene	9.072	106	205438	51.157	ug/L	97
54) o-Xylene	9.477	106	199690	50.228	ug/L	99
55) Styrene	9.493	104	347462	50.621	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	167156	47.350	ug/L	100
59) Bromoform	9.664	173	84745	50.431	ug/L	98
60) Isopropylbenzene	9.866	105	551604	51.565	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	134685	47.999	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	470428	51.254	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	471241	51.529	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	243713	50.438	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	243199	50.196	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	241100	51.066	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	37955	46.874	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	183837	51.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	162646	50.186	ug/L	99
71) Naphthalene	13.438	128	347682	41.055	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	150237	49.666	ug/L	99

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

