

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031124\
 Data File : VW034532.D
 Acq On : 11 Mar 2024 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050284

Quant Time: Mar 12 01:27:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 23:17:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	339199	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	311718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	103703	35.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.540%
7) Chloroethane-d5	1.526	69	91714	40.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.060%
11) 1,1-Dichloroethene-d2	2.056	65	47335	35.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.180%
21) 2-Butanone-d5	3.780	46	199459	101.432	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.430%
24) Chloroform-d	4.246	84	228755	43.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.937	65	148629	43.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.500%
32) Benzene-d6	4.956	84	398072	42.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
36) 1,2-Dichloropropane-d6	5.985	67	127501	44.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.820%
41) Toluene-d8	7.239	98	352513	41.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.820%
43) trans-1,3-Dichloroprop...	7.551	79	63745	44.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.420%
47) 2-Hexanone-d5	8.021	63	142210	99.192	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.190%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	177426	46.960	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	11.557	152	144138	42.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	165345	46.472	ug/L	98
3) Chloromethane	1.217	50	159409	45.596	ug/L	99
5) Vinyl chloride	1.285	62	159210	46.914	ug/L	99
6) Bromomethane	1.481	94	93815	46.075	ug/L	100
8) Chloroethane	1.545	64	95252	47.222	ug/L	100
9) Trichlorofluoromethane	1.712	101	234560	46.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	128676	46.978	ug/L	98
12) 1,1-Dichloroethene	2.069	96	115312	45.400	ug/L	91
13) Acetone	2.111	43	251366	106.332	ug/L	99
14) Carbon disulfide	2.240	76	332046	47.106	ug/L	99
15) Methyl Acetate	2.371	43	152774	50.516	ug/L	100
16) Methylene chloride	2.445	84	131769	48.909	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	117487	47.791	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	433979	49.157	ug/L	99
19) 1,1-Dichloroethane	3.108	63	237705	49.360	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	132685	49.745	ug/L	95
22) 2-Butanone	3.860	43	244611	104.787	ug/L	98
23) Bromochloromethane	4.143	128	68008	49.308	ug/L	94
25) Chloroform	4.275	83	240890	48.260	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	194828	48.041	ug/L	99
29) Cyclohexane	4.580	56	201837	49.227	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	220323	49.290	ug/L	100
31) Carbon tetrachloride	4.731	117	193970	49.013	ug/L	99
33) Benzene	5.008	78	486283	50.258	ug/L	100
34) Trichloroethene	5.831	95	137987	50.170	ug/L	96
35) Methylcyclohexane	6.046	83	210772	50.409	ug/L	99
37) 1,2-Dichloropropane	6.088	63	129812	51.244	ug/L	99
38) Bromodichloromethane	6.429	83	180432	50.637	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	201808	49.170	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	386887	103.574	ug/L	99
42) Toluene	7.313	91	515225	50.313	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	195486	49.523	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	123979	50.724	ug/L	99
46) Tetrachloroethene	7.902	164	101863	49.800	ug/L	98
48) 2-Hexanone	8.072	43	327282	109.956	ug/L	99
49) Dibromochloromethane	8.175	129	131202	50.867	ug/L	98
50) 1,2-Dibromoethane	8.278	107	130547	50.333	ug/L	98
51) Chlorobenzene	8.812	112	325817	49.216	ug/L	99
52) Ethylbenzene	8.943	91	572267	49.874	ug/L	99
53) m,p-Xylene	9.069	106	217454	49.942	ug/L	98
54) o-Xylene	9.474	106	212988	49.954	ug/L	98
55) Styrene	9.493	104	364023	50.426	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	175952	47.929	ug/L	100
59) Bromoform	9.664	173	92569	50.410	ug/L	99
60) Isopropylbenzene	9.863	105	588050	50.201	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	156108	49.376	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	492314	49.823	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	491439	50.286	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	263244	48.605	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	265115	48.203	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	262279	48.328	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	45297	48.097	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	191830	47.213	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	175056	47.882	ug/L	97
71) Naphthalene	13.435	128	464321	47.479	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	176245	49.416	ug/L	100

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

