

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122123\
 Data File : VW033538.D
 Acq On : 21 Dec 2023 17:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050375

Quant Time: Dec 22 01:49:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 01:45:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	246490	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	254482	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79522	41.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.780%
7) Chloroethane-d5	1.532	69	75086	44.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.160%
11) 1,1-Dichloroethene-d2	2.060	65	37052	39.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.420%
21) 2-Butanone-d5	3.783	46	95147	99.456	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	4.246	84	179952	47.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
26) 1,2-Dichloroethane-d4	4.937	65	113163	49.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.120%
32) Benzene-d6	4.960	84	323815	47.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
36) 1,2-Dichloropropane-d6	5.986	67	102994	49.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.020%
41) Toluene-d8	7.243	98	295357	47.095	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.180%
43) trans-1,3-Dichloroprop...	7.551	79	48007	47.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.180%
47) 2-Hexanone-d5	8.024	63	63522	90.789	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.790%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	143806	48.099	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	119269	43.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	99514	49.140	ug/L	99
3) Chloromethane	1.214	50	104751	56.185	ug/L	98
5) Vinyl chloride	1.285	62	107225	53.648	ug/L	99
6) Bromomethane	1.487	94	69049	48.263	ug/L	96
8) Chloroethane	1.548	64	74029	54.865	ug/L	99
9) Trichlorofluoromethane	1.716	101	169421	48.341	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	104021	50.874	ug/L	97
12) 1,1-Dichloroethene	2.069	96	86476	49.785	ug/L	94
13) Acetone	2.108	43	111594	100.492	ug/L	97
14) Carbon disulfide	2.243	76	229769	51.764	ug/L	100
15) Methyl Acetate	2.372	43	91231	57.525	ug/L	92
16) Methylene chloride	2.445	84	108219	55.784	ug/L	93
17) trans-1,2-Dichloroethene	2.693	96	89237	54.353	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	277902	55.738	ug/L	98
19) 1,1-Dichloroethane	3.111	63	185727	59.023	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	97311	52.275	ug/L	91
22) 2-Butanone	3.863	43	116048	106.071	ug/L	92
23) Bromochloromethane	4.143	128	52191	51.150	ug/L	87
25) Chloroform	4.275	83	195790	55.289	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122123\
 Data File : VW033538.D
 Acq On : 21 Dec 2023 17:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050375

Quant Time: Dec 22 01:49:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 01:45:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	153714	56.313	ug/L	97
29) Cyclohexane	4.584	56	133440	58.179	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	167333	53.257	ug/L	98
31) Carbon tetrachloride	4.732	117	143392	50.995	ug/L	97
33) Benzene	5.008	78	391515	57.721	ug/L	100
34) Trichloroethene	5.831	95	99816	53.639	ug/L	94
35) Methylcyclohexane	6.050	83	144268	54.053	ug/L	93
37) 1,2-Dichloropropane	6.092	63	108048	58.738	ug/L	100
38) Bromodichloromethane	6.429	83	145172	54.833	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	144075	53.838	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	234030	119.219	ug/L	97
42) Toluene	7.313	91	415973	57.861	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	152393	56.750	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	104833	54.678	ug/L	99
46) Tetrachloroethene	7.905	164	73644	50.648	ug/L	97
48) 2-Hexanone	8.072	43	179744	109.782	ug/L	99
49) Dibromochloromethane	8.175	129	104694	51.641	ug/L	96
50) 1,2-Dibromoethane	8.281	107	104541	52.896	ug/L	97
51) Chlorobenzene	8.812	112	272568	52.609	ug/L	97
52) Ethylbenzene	8.947	91	452509	56.518	ug/L	98
53) m,p-Xylene	9.072	106	170837	56.793	ug/L	98
54) o-Xylene	9.477	106	163516	55.982	ug/L	97
55) Styrene	9.493	104	308005	59.750	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	154763	52.558	ug/L	99
59) Bromoform	9.664	173	67651	45.391	ug/L	99
60) Isopropylbenzene	9.866	105	451846	55.079	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	121099	52.300	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	341281	54.891	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	361115	55.924	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	217454	51.001	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	231389	50.424	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	223112	50.275	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	28914	46.099	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	148757	50.449	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	125696	48.766	ug/L	98
71) Naphthalene	13.439	128	290971	41.957	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	128386	50.923	ug/L	98

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

