

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091323\
 Data File : VW032062.D
 Acq On : 13 Sep 2023 09:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050294

Quant Time: Sep 14 06:17:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	236561	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	234644	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	123800	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69260	46.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.560%
7) Chloroethane-d5	1.529	69	56901	43.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.680%
11) 1,1-Dichloroethene-d2	2.059	65	28512	41.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.260%
21) 2-Butanone-d5	3.786	46	124112	106.589	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.590%
24) Chloroform-d	4.249	84	136649	42.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.460%
26) 1,2-Dichloroethane-d4	4.944	65	86414	40.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.480%
32) Benzene-d6	4.960	84	272534	42.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.140%
36) 1,2-Dichloropropane-d6	5.992	67	92711	44.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.980%
41) Toluene-d8	7.246	98	243926	41.347	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.700%
43) trans-1,3-Dichloroprop...	7.554	79	40069	37.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.020%
47) 2-Hexanone-d5	8.027	63	79433	125.757	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	123371	46.327	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.660%
66) 1,2-Dichlorobenzene-d4	11.564	152	93161	41.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61874	42.964	ug/L	97
3) Chloromethane	1.214	50	76937	52.391	ug/L	99
5) Vinyl chloride	1.281	62	77042	49.125	ug/L	99
6) Bromomethane	1.484	94	41987	45.470	ug/L	98
8) Chloroethane	1.545	64	52769	50.630	ug/L	96
9) Trichlorofluoromethane	1.712	101	104501	45.711	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	65273	47.288	ug/L	98
12) 1,1-Dichloroethene	2.069	96	57751	46.580	ug/L	90
13) Acetone	2.111	43	90761	87.575	ug/L	97
14) Carbon disulfide	2.240	76	128757	45.577	ug/L	100
15) Methyl Acetate	2.371	43	107810	58.328	ug/L	95
16) Methylene chloride	2.445	84	84688	53.155	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	64767	47.649	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	276166	48.074	ug/L	97
19) 1,1-Dichloroethane	3.111	63	159141	52.243	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	84830	49.745	ug/L	95
22) 2-Butanone	3.866	43	145866	106.366	ug/L	96
23) Bromochloromethane	4.149	128	41028	49.590	ug/L	93
25) Chloroform	4.278	83	152644	48.196	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091323\
 Data File : VW032062.D
 Acq On : 13 Sep 2023 09:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050294

Quant Time: Sep 14 06:17:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	115267	46.196	ug/L	97
29) Cyclohexane	4.583	56	114112	46.708	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	124756	45.582	ug/L	99
31) Carbon tetrachloride	4.738	117	101420	43.640	ug/L	98
33) Benzene	5.011	78	315164	49.989	ug/L	100
34) Trichloroethene	5.834	95	83759	43.440	ug/L	100
35) Methylcyclohexane	6.053	83	107742	42.010	ug/L	95
37) 1,2-Dichloropropane	6.095	63	94589	52.930	ug/L	100
38) Bromodichloromethane	6.436	83	121067	47.729	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	138315	44.518	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	318013	112.119	ug/L	96
42) Toluene	7.316	91	333822	48.134	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	125289	41.970	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	90408	50.076	ug/L	98
46) Tetrachloroethene	7.908	164	54389	44.923	ug/L	100
48) 2-Hexanone	8.079	43	235137	108.555	ug/L	97
49) Dibromochloromethane	8.178	129	86394	46.568	ug/L	99
50) 1,2-Dibromoethane	8.284	107	89655	47.412	ug/L	99
51) Chlorobenzene	8.815	112	218930	47.508	ug/L	99
52) Ethylbenzene	8.950	91	382853	46.603	ug/L	98
53) m,p-Xylene	9.075	106	136661	44.803	ug/L	100
54) o-Xylene	9.480	106	140276	46.239	ug/L	99
55) Styrene	9.500	104	252710	47.121	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	142301	55.678	ug/L	99
59) Bromoform	9.667	173	59531	46.372	ug/L	98
60) Isopropylbenzene	9.869	105	387670	46.753	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	119276	50.996	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	314019	45.014	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	317436	45.234	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	175083	47.114	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	178327	47.192	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	178015	48.342	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	31268	44.506	ug/L	95
69) 1,3,5-Trichlorobenzene	12.586	180	121835	44.973	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	115618	44.462	ug/L	99
71) Naphthalene	13.442	128	378717	45.584	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	118552	47.577	ug/L	99

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

