

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091323\
 Data File : VW032086.D
 Acq On : 13 Sep 2023 19:01
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050295

Quant Time: Sep 14 06:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 14 06:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	289731	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	280788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	146196	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70639	38.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.920%
7) Chloroethane-d5	1.529	69	61980	38.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.980%
11) 1,1-Dichloroethene-d2	2.060	65	30430	35.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.680%
21) 2-Butanone-d5	3.789	46	142124	99.659	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.660%
24) Chloroform-d	4.252	84	155702	39.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.580%
26) 1,2-Dichloroethane-d4	4.947	65	100479	38.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.400%
32) Benzene-d6	4.963	84	306641	40.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.040%
36) 1,2-Dichloropropane-d6	5.992	67	102551	41.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.160%
41) Toluene-d8	7.246	98	280182	39.688	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.380%#
43) trans-1,3-Dichloroprop...	7.558	79	50032	39.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.280%
47) 2-Hexanone-d5	8.027	63	96158	127.218	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.220%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	144702	45.407	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.820%
66) 1,2-Dichlorobenzene-d4	11.564	152	106308	39.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.780%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	74412	42.188	ug/L	96
3) Chloromethane	1.217	50	89994	50.036	ug/L	99
5) Vinyl chloride	1.282	62	91342	47.555	ug/L	98
6) Bromomethane	1.484	94	53298	47.127	ug/L	100
8) Chloroethane	1.548	64	61899	48.491	ug/L	97
9) Trichlorofluoromethane	1.712	101	126373	45.134	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	77532	45.861	ug/L	99
12) 1,1-Dichloroethene	2.069	96	69976	46.083	ug/L	87
13) Acetone	2.114	43	105279	82.942	ug/L	99
14) Carbon disulfide	2.240	76	150030	43.361	ug/L	100
15) Methyl Acetate	2.375	43	133592	59.012	ug/L	98
16) Methylene chloride	2.449	84	101107	51.814	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	79576	47.800	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	350319	49.791	ug/L	98
19) 1,1-Dichloroethane	3.114	63	191348	51.288	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	104326	49.950	ug/L	98
22) 2-Butanone	3.870	43	181866	108.280	ug/L	95
23) Bromochloromethane	4.150	128	51443	50.768	ug/L	97
25) Chloroform	4.281	83	189625	48.885	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091323\
 Data File : VW032086.D
 Acq On : 13 Sep 2023 19:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050295

Quant Time: Sep 14 06:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 14 06:19:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	148992	48.754	ug/L	98
29) Cyclohexane	4.587	56	141251	48.315	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	154088	47.047	ug/L	98
31) Carbon tetrachloride	4.738	117	124037	44.600	ug/L	98
33) Benzene	5.014	78	385712	51.125	ug/L	100
34) Trichloroethene	5.838	95	103475	44.846	ug/L	98
35) Methylcyclohexane	6.053	83	136594	44.507	ug/L	100
37) 1,2-Dichloropropane	6.095	63	114750	53.660	ug/L	99
38) Bromodichloromethane	6.436	83	147314	48.532	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	179412	48.256	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	396974	116.957	ug/L	98
42) Toluene	7.320	91	411395	49.571	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	163784	45.849	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	110930	51.345	ug/L	97
46) Tetrachloroethene	7.908	164	66450	45.865	ug/L	98
48) 2-Hexanone	8.079	43	291993	112.650	ug/L	97
49) Dibromochloromethane	8.182	129	105048	47.317	ug/L	100
50) 1,2-Dibromoethane	8.284	107	111982	49.487	ug/L	99
51) Chlorobenzene	8.818	112	275402	49.941	ug/L	99
52) Ethylbenzene	8.950	91	477464	48.568	ug/L	100
53) m,p-Xylene	9.075	106	173372	47.498	ug/L	98
54) o-Xylene	9.481	106	177170	48.803	ug/L	100
55) Styrene	9.500	104	313374	48.829	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	180797	59.116	ug/L	100
59) Bromoform	9.670	173	72421	47.770	ug/L	100
60) Isopropylbenzene	9.870	105	483255	49.352	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	150586	54.519	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	391758	47.555	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	395166	47.684	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	214371	48.849	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	218463	48.957	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	218377	50.219	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	40152	48.396	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	142009	44.390	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	140269	45.678	ug/L	99
71) Naphthalene	13.442	128	493565	50.307	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	138089	46.928	ug/L	100

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

