

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022823\
 Data File : VW030091.D
 Acq On : 28 Feb 2023 09:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Mar 01 00:02:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:31:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	195037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	182695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	106759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	63195	5.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.200%	
7) Chloroethane-d5	1.536	69	60742	5.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 102.600%	
11) 1,1-Dichloroethene-d2	2.066	63	130994	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 101.000%	
20) 2-Butanone-d5	3.831	46	122584	52.685	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 105.380%	
24) Chloroform-d	4.259	84	131853	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.200%	
26) 1,2-Dichloroethane-d4	4.950	65	55492	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.400%	
32) Benzene-d6	4.969	84	256864	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.600%	
36) 1,2-Dichloropropane-d6	5.995	67	77256	5.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 104.400%	
41) Toluene-d8	7.249	98	242808	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.200%	
43) trans-1,3-Dichloroprop...	7.558	79	27955	5.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 110.400%	
46) 2-Hexanone-d5	8.034	63	117690	56.222	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 112.440%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	54814	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 104.200%	
66) 1,2-Dichlorobenzene-d4	11.567	152	92950	5.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	82712	5.212	ug/L	98
3) Chloromethane	1.217	50	116423	4.656	ug/L	99
5) Vinyl chloride	1.285	62	85054	5.118	ug/L	99
6) Bromomethane	1.490	94	15458	5.182	ug/L	98
8) Chloroethane	1.552	64	51233	5.060	ug/L	99
9) Trichlorofluoromethane	1.719	101	126258	5.295	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	77720	5.256	ug/L	99
12) 1,1-Dichloroethene	2.076	96	67531	5.159	ug/L	97
13) Acetone	2.163	43	83285	48.430	ug/L #	45
14) Carbon disulfide	2.246	76	185259	5.290	ug/L	98
15) Methyl Acetate	2.394	43	17479	4.352	ug/L	98
16) Methylene chloride	2.452	84	67315	4.210	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	139391	5.446	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	65735	5.279	ug/L	100
19) 1,1-Dichloroethane	3.117	63	120913	5.213	ug/L	100
21) 2-Butanone	3.912	43	120573	52.133	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	72021	5.233	ug/L	97
23) Bromochloromethane	4.159	128	31392	5.338	ug/L	98
25) Chloroform	4.285	83	125512	5.202	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022823\
 Data File : VW030091.D
 Acq On : 28 Feb 2023 09:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Mar 01 00:02:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:31:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	67242	5.328	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	115930	5.402	ug/L	98
30) Cyclohexane	4.590	56	97875	5.278	ug/L	100
31) Carbon tetrachloride	4.744	117	103494	5.365	ug/L	99
33) Benzene	5.018	78	264934	5.310	ug/L	100
34) Trichloroethene	5.841	95	73937	5.288	ug/L	97
35) Methylcyclohexane	6.056	83	112230	5.304	ug/L	99
37) 1,2-Dichloropropane	6.101	63	65622	5.170	ug/L	99
38) Bromodichloromethane	6.439	83	86860	5.360	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	101516	5.463	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	289850	55.336	ug/L	99
42) Toluene	7.320	91	288299	5.335	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	81200	5.598	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	47596	5.240	ug/L	97
47) Tetrachloroethene	7.911	164	64706	5.392	ug/L	99
48) 2-Hexanone	8.085	43	208912	55.712	ug/L	98
49) Dibromochloromethane	8.185	129	57934	5.451	ug/L	99
50) 1,2-Dibromoethane	8.291	107	46012	5.430	ug/L	99
51) Chlorobenzene	8.821	112	193542	5.310	ug/L	99
52) Ethylbenzene	8.953	91	316701	5.385	ug/L	99
53) m,p-Xylene	9.079	106	122320	5.412	ug/L	100
54) o-Xylene	9.487	106	117952	5.463	ug/L	99
55) Styrene	9.503	104	202316	5.635	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	56183	5.530	ug/L	98
59) Bromoform	9.673	173	35229	5.506	ug/L	98
60) Isopropylbenzene	9.876	105	328887	5.354	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	37169	5.202	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	272016	5.391	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	281199	5.448	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	165490	5.174	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	166398	5.156	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	149394	5.290	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	8155	5.110	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	139106	5.290	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	111348	5.227	ug/L	99
71) Naphthalene	13.448	128	146246	5.254	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	92400	5.270	ug/L	99

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

