

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022823\
 Data File : VW030100.D
 Acq On : 28 Feb 2023 15:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

Quant Time: Mar 01 00:07:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 01 00:04:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	173382	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	165434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	57408	5.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.400%	
7) Chloroethane-d5	1.539	69	55434	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.200%	
11) 1,1-Dichloroethene-d2	2.066	63	120643	5.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.600%	
20) 2-Butanone-d5	3.815	46	112700	54.487	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 108.980%	
24) Chloroform-d	4.259	84	124966	5.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.000%	
26) 1,2-Dichloroethane-d4	4.956	65	51856	5.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.800%	
32) Benzene-d6	4.969	84	242852	5.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.200%	
36) 1,2-Dichloropropane-d6	5.998	67	72818	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 108.800%	
41) Toluene-d8	7.252	98	232700	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.200%	
43) trans-1,3-Dichloroprop...	7.561	79	25454	5.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 111.200%	
46) 2-Hexanone-d5	8.034	63	106956	56.425	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 112.860%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	51861	5.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 108.800%	
66) 1,2-Dichlorobenzene-d4	11.570	152	89752	5.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 109.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75913	5.381	ug/L	98
3) Chloromethane	1.217	50	104362	4.695	ug/L	98
5) Vinyl chloride	1.288	62	78615	5.321	ug/L	99
6) Bromomethane	1.494	94	17565	6.624	ug/L	99
8) Chloroethane	1.555	64	48138	5.348	ug/L	99
9) Trichlorofluoromethane	1.719	101	116053	5.475	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	71143	5.412	ug/L	98
12) 1,1-Dichloroethene	2.076	96	61743	5.306	ug/L	95
13) Acetone	2.146	43	75775	49.566	ug/L #	48
14) Carbon disulfide	2.249	76	163090	5.238	ug/L	99
15) Methyl Acetate	2.394	43	16738	4.688	ug/L	94
16) Methylene chloride	2.455	84	65320	4.595	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	122052	5.364	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	59796	5.402	ug/L	99
19) 1,1-Dichloroethane	3.121	63	112283	5.445	ug/L	99
21) 2-Butanone	3.902	43	106805	51.948	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	65534	5.357	ug/L	96
23) Bromochloromethane	4.159	128	28793	5.507	ug/L	99
25) Chloroform	4.288	83	117094	5.459	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	60084	5.355	ug/L	98
29) 1,1,1-Trichloroethane	4.522	97	106566	5.484	ug/L	100
30) Cyclohexane	4.593	56	87058	5.185	ug/L	99
31) Carbon tetrachloride	4.744	117	94660	5.419	ug/L	98
33) Benzene	5.021	78	245890	5.442	ug/L	100
34) Trichloroethene	5.841	95	67674	5.345	ug/L	98
35) Methylcyclohexane	6.059	83	100371	5.238	ug/L	99
37) 1,2-Dichloropropane	6.101	63	61484	5.349	ug/L	99
38) Bromodichloromethane	6.442	83	80298	5.472	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	89975	5.347	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	258632	54.528	ug/L	99
42) Toluene	7.323	91	270479	5.527	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	72580	5.526	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	43861	5.333	ug/L	97
47) Tetrachloroethene	7.911	164	59577	5.482	ug/L	98
48) 2-Hexanone	8.085	43	187440	55.201	ug/L	99
49) Dibromochloromethane	8.185	129	53702	5.580	ug/L	97
50) 1,2-Dibromoethane	8.291	107	41545	5.414	ug/L	94
51) Chlorobenzene	8.821	112	177152	5.368	ug/L	99
52) Ethylbenzene	8.953	91	291090	5.466	ug/L	100
53) m,p-Xylene	9.082	106	113822	5.561	ug/L	100
54) o-Xylene	9.487	106	108495	5.549	ug/L	99
55) Styrene	9.503	104	185784	5.714	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	50890	5.532	ug/L	99
59) Bromoform	9.673	173	31251	5.392	ug/L	99
60) Isopropylbenzene	9.876	105	305460	5.490	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	33693	5.206	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	247186	5.408	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	255770	5.470	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	155696	5.374	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	155473	5.319	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	140520	5.493	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	7509	5.195	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	127557	5.356	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	100534	5.210	ug/L	99
71) Naphthalene	13.448	128	124817	4.950	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	82083	5.168	ug/L	99

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

