

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020223\
 Data File : VW030014.D
 Acq On : 02 Feb 2023 10:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Feb 03 01:09:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 01 00:13:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	251575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	233283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.233	152	129112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89826	4.707	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.565	69	81234	5.136	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.105	63	168104	4.833	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5	3.886	46	173299	51.240	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.480%	
24) Chloroform-d	4.333	84	160992	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.021	65	67840	4.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.037	84	337614	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.056	67	104706	5.170	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.304	98	303923	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	7.609	79	34245	4.630	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.082	63	152613	50.682	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.360%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	71277	4.803	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.609	152	105803	4.507	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	98626	4.212	ug/L	99
3) Chloromethane	1.237	50	133941	5.436	ug/L	100
5) Vinyl chloride	1.307	62	126881	5.251	ug/L	99
6) Bromomethane	1.520	94	38476	3.271	ug/L	99
8) Chloroethane	1.581	64	80703	5.505	ug/L	99
9) Trichlorofluoromethane	1.748	101	145861	4.608	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	90990	4.880	ug/L	95
12) 1,1-Dichloroethene	2.114	96	90116	4.195	ug/L	92
13) Acetone	2.182	43	130579	54.094	ug/L	100
14) Carbon disulfide	2.288	76	264664	4.279	ug/L	100
15) Methyl Acetate	2.433	43	30507	4.853	ug/L	93
16) Methylene chloride	2.500	84	115164	4.316	ug/L	91
17) Methyl tert-butyl Ether	2.761	73	183393	4.937	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	92619	4.638	ug/L	93
19) 1,1-Dichloroethane	3.179	63	177775	5.322	ug/L	98
21) 2-Butanone	3.970	43	188031	54.373	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	102100	4.798	ug/L	92
23) Bromochloromethane	4.233	128	41182	4.687	ug/L	84
25) Chloroform	4.359	83	172492	4.750	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	86577	4.907	ug/L	99
29) 1,1,1-Trichloroethane	4.593	97	144002	4.754	ug/L	97
30) Cyclohexane	4.664	56	149453	5.212	ug/L	96
31) Carbon tetrachloride	4.815	117	120635	4.577	ug/L	99
33) Benzene	5.085	78	401000	5.199	ug/L	100
34) Trichloroethene	5.902	95	94599	4.840	ug/L	96
35) Methylcyclohexane	6.117	83	159230	4.825	ug/L	96
37) 1,2-Dichloropropane	6.159	63	99106	5.487	ug/L	99
38) Bromodichloromethane	6.497	83	116050	4.968	ug/L	97
39) cis-1,3-Dichloropropene	7.014	75	133386	5.507	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	445842	57.840	ug/L	96
42) Toluene	7.375	91	419235	5.040	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	107141	5.489	ug/L	99
45) 1,1,2-Trichloroethane	7.825	97	63968	4.915	ug/L	98
47) Tetrachloroethene	7.963	164	77619	4.717	ug/L	97
48) 2-Hexanone	8.130	43	331888	60.239	ug/L	97
49) Dibromochloromethane	8.233	129	73210	4.794	ug/L	99
50) 1,2-Dibromoethane	8.339	107	55182	4.885	ug/L	98
51) Chlorobenzene	8.870	112	260687	4.935	ug/L	99
52) Ethylbenzene	8.998	91	424651	4.878	ug/L	99
53) m,p-Xylene	9.127	106	166458	4.830	ug/L	97
54) o-Xylene	9.529	106	158331	4.841	ug/L	99
55) Styrene	9.548	104	278465	4.951	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.227	83	76008	5.258	ug/L	96
59) Bromoform	9.719	173	38269	4.576	ug/L	98
60) Isopropylbenzene	9.918	105	422853	5.124	ug/L	99
61) 1,2,3-Trichloropropane	10.259	75	51439	5.381	ug/L	96
62) 1,3,5-Trimethylbenzene	10.526	105	343691	4.860	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	351239	4.980	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	208912	4.985	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	208680	4.995	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	189538	5.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	11047	4.886	ug/L	92
69) 1,3,5-Trichlorobenzene	12.628	180	168100	4.983	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	136552	5.180	ug/L	99
71) Naphthalene	13.487	128	184185	5.393	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	114149	5.218	ug/L	100

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

