

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030223\
 Data File : VW030112.D
 Acq On : 02 Mar 2023 09:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Mar 03 03:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 02 00:27:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	144002	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	141204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	84104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46632	5.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.000%	
7) Chloroethane-d5	1.536	69	48709	5.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 111.400%	
11) 1,1-Dichloroethene-d2	2.066	63	104370	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 109.000%	
20) 2-Butanone-d5	3.844	46	96641	56.255	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 112.520%	
24) Chloroform-d	4.259	84	108397	5.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 114.000%	
26) 1,2-Dichloroethane-d4	4.953	65	44877	5.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.600%	
32) Benzene-d6	4.970	84	199361	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.000%	
36) 1,2-Dichloropropane-d6	5.998	67	61460	5.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.600%	
41) Toluene-d8	7.249	98	187140	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.000%	
43) trans-1,3-Dichloroprop...	7.561	79	21394	5.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 109.400%	
46) 2-Hexanone-d5	8.037	63	94741	58.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 117.120%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49163	6.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 121.000%#	
66) 1,2-Dichlorobenzene-d4	11.571	152	71894	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	66890	5.709	ug/L	99
3) Chloromethane	1.217	50	96093	5.205	ug/L	98
5) Vinyl chloride	1.285	62	70385	5.736	ug/L	97
6) Bromomethane	1.491	94	13792	6.262	ug/L	98
8) Chloroethane	1.552	64	42663	5.707	ug/L	97
9) Trichlorofluoromethane	1.719	101	101347	5.757	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	63256	5.794	ug/L	99
12) 1,1-Dichloroethene	2.073	96	55721	5.766	ug/L	89
13) Acetone	2.172	43	66525	52.394	ug/L #	52
14) Carbon disulfide	2.246	76	145664	5.633	ug/L	98
15) Methyl Acetate	2.397	43	18414	6.210	ug/L	91
16) Methylene chloride	2.452	84	55770	4.724	ug/L	99
17) Methyl tert-butyl Ether	2.716	73	103465	5.475	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	51266	5.577	ug/L	98
19) 1,1-Dichloroethane	3.121	63	99812	5.828	ug/L	99
21) 2-Butanone	3.918	43	88984	52.110	ug/L	88
22) cis-1,2-Dichloroethene	3.825	96	54531	5.367	ug/L	97
23) Bromochloromethane	4.163	128	25843	5.952	ug/L	98
25) Chloroform	4.288	83	104566	5.869	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55577	5.964	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	93283	5.624	ug/L	99
30) Cyclohexane	4.593	56	70902	4.947	ug/L	97
31) Carbon tetrachloride	4.745	117	83229	5.582	ug/L	99
33) Benzene	5.018	78	211743	5.491	ug/L	100
34) Trichloroethene	5.841	95	55943	5.177	ug/L	99
35) Methylcyclohexane	6.060	83	81311	4.972	ug/L	97
37) 1,2-Dichloropropane	6.101	63	54899	5.596	ug/L	98
38) Bromodichloromethane	6.442	83	72511	5.790	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	75797	5.278	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	231651	57.220	ug/L	99
42) Toluene	7.323	91	232994	5.578	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	62945	5.614	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	40312	5.742	ug/L	99
47) Tetrachloroethene	7.912	164	49678	5.356	ug/L	96
48) 2-Hexanone	8.088	43	172949	59.674	ug/L	98
49) Dibromochloromethane	8.185	129	48078	5.853	ug/L	99
50) 1,2-Dibromoethane	8.291	107	37230	5.684	ug/L	100
51) Chlorobenzene	8.822	112	152256	5.405	ug/L	99
52) Ethylbenzene	8.953	91	240977	5.301	ug/L	98
53) m,p-Xylene	9.079	106	94225	5.393	ug/L	99
54) o-Xylene	9.487	106	87772	5.260	ug/L	97
55) Styrene	9.503	104	157313	5.669	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	47409	6.037	ug/L	98
59) Bromoform	9.674	173	28220	5.598	ug/L	99
60) Isopropylbenzene	9.876	105	246979	5.104	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	30640	5.443	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	195360	4.915	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	205735	5.059	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	134019	5.319	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	133832	5.264	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	119390	5.366	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6833	5.435	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	103446	4.994	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	81017	4.828	ug/L	99
71) Naphthalene	13.448	128	101711	4.638	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	68419	4.953	ug/L	99

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

