

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031023\
 Data File : VW030169.D
 Acq On : 10 Mar 2023 20:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005297

Quant Time: Mar 11 00:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 11 00:01:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	153172	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	150381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	93505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30495	3.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.539	69	37351	4.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.069	63	76244	3.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.821	46	102428	56.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.100%
24) Chloroform-d	4.262	84	100012	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.956	65	41762	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.973	84	162820	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.998	67	55510	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.252	98	153901	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	18018	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.037	63	92988	53.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	50382	5.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	69466	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	54993	4.413	ug/L	98
3) Chloromethane	1.217	50	75857	3.863	ug/L	97
5) Vinyl chloride	1.288	62	56557	4.333	ug/L	98
6) Bromomethane	1.494	94	11687	4.989	ug/L	97
8) Chloroethane	1.555	64	36280	4.563	ug/L	99
9) Trichlorofluoromethane	1.719	101	90420	4.829	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	56214	4.841	ug/L	99
12) 1,1-Dichloroethene	2.076	96	47131	4.585	ug/L	98
13) Acetone	2.153	43	56583	41.896	ug/L #	46
14) Carbon disulfide	2.249	76	109428	3.979	ug/L	99
15) Methyl Acetate	2.391	43	13428	4.257	ug/L	95
16) Methylene chloride	2.455	84	50571	4.027	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	86323	4.294	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	42705	4.367	ug/L	99
19) 1,1-Dichloroethane	3.121	63	86555	4.752	ug/L	99
21) 2-Butanone	3.905	43	78096	42.996	ug/L	99
22) cis-1,2-Dichloroethene	3.828	96	46502	4.302	ug/L	99
23) Bromochloromethane	4.162	128	23563	5.102	ug/L	94
25) Chloroform	4.288	83	94238	4.973	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	48349	4.878	ug/L	98
29) 1,1,1-Trichloroethane	4.522	97	83962	4.753	ug/L	99
30) Cyclohexane	4.596	56	54777	3.589	ug/L	98
31) Carbon tetrachloride	4.747	117	75543	4.758	ug/L	98
33) Benzene	5.021	78	183386	4.465	ug/L	100
34) Trichloroethene	5.844	95	48950	4.254	ug/L	99
35) Methylcyclohexane	6.063	83	66182	3.800	ug/L	100
37) 1,2-Dichloropropane	6.104	63	49418	4.730	ug/L	100
38) Bromodichloromethane	6.442	83	64330	4.823	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	61479	4.019	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	195308	45.299	ug/L	100
42) Toluene	7.323	91	205454	4.619	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	53630	4.492	ug/L	99
45) 1,1,2-Trichloroethane	7.779	97	37229	4.980	ug/L	99
47) Tetrachloroethene	7.915	164	50630	5.125	ug/L	98
48) 2-Hexanone	8.088	43	145659	47.191	ug/L	99
49) Dibromochloromethane	8.185	129	44534	5.090	ug/L	99
50) 1,2-Dibromoethane	8.291	107	33441	4.794	ug/L	99
51) Chlorobenzene	8.821	112	136136	4.538	ug/L	100
52) Ethylbenzene	8.956	91	207038	4.277	ug/L	99
53) m,p-Xylene	9.082	106	83525	4.489	ug/L	98
54) o-Xylene	9.487	106	76762	4.319	ug/L	99
55) Styrene	9.503	104	138298	4.679	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	43318	5.180	ug/L	98
59) Bromoform	9.673	173	26346	4.701	ug/L	99
60) Isopropylbenzene	9.876	105	217380	4.040	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	28393	4.537	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	171793	3.887	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	176893	3.913	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	121975	4.354	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	124567	4.407	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	112266	4.539	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	6029	4.314	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	94052	4.084	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	70969	3.804	ug/L	98
71) Naphthalene	13.448	128	87826	3.602	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	62341	4.059	ug/L	99

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

