

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050323\
 Data File : VW030980.D
 Acq On : 03 May 2023 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: May 04 05:35:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	134230	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	78607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	44830	4.054	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.539	69	38096	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.066	65	23710	4.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.818	46	97077	49.501	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.000%
24) Chloroform-d	4.259	84	103298	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.953	65	51274	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.969	84	168075	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.995	67	47446	4.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.249	98	159230	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.561	79	19939	4.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.034	63	66400	45.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	39627	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	66432	4.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49984	4.714	ug/L	98
3) Chloromethane	1.217	50	52824	4.245	ug/L	98
5) Vinyl chloride	1.288	62	47434	4.554	ug/L	97
6) Bromomethane	1.494	94	22084	4.452	ug/L	96
8) Chloroethane	1.555	64	29344	4.629	ug/L	96
9) Trichlorofluoromethane	1.719	101	92605	4.819	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	47853	4.878	ug/L	98
12) 1,1-Dichloroethene	2.076	96	41190	4.560	ug/L	86
13) Acetone	2.146	43	83866	50.064	ug/L	78
14) Carbon disulfide	2.246	76	95038	4.021	ug/L	98
15) Methyl Acetate	2.391	43	13631	4.000	ug/L #	91
16) Methylene chloride	2.455	84	44179	4.323	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	83331	4.846	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	36806	4.461	ug/L	100
19) 1,1-Dichloroethane	3.117	63	76565	4.806	ug/L	99
21) 2-Butanone	3.902	43	88461	48.015	ug/L	89
22) cis-1,2-Dichloroethene	3.825	96	42278	4.856	ug/L	99
23) Bromochloromethane	4.162	128	18960	4.626	ug/L	97
25) Chloroform	4.285	83	85852	5.022	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050323\
 Data File : VW030980.D
 Acq On : 03 May 2023 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: May 04 05:35:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	52421	4.886	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	81855	4.973	ug/L	99
30) Cyclohexane	4.590	56	54746	4.403	ug/L	100
31) Carbon tetrachloride	4.744	117	74127	5.013	ug/L	98
33) Benzene	5.018	78	159768	4.849	ug/L	100
34) Trichloroethene	5.841	95	42571	4.847	ug/L	97
35) Methylcyclohexane	6.056	83	61297	4.503	ug/L	99
37) 1,2-Dichloropropane	6.101	63	38990	4.989	ug/L #	95
38) Bromodichloromethane	6.439	83	59219	5.177	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	57592	4.920	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	204417	50.479	ug/L	98
42) Toluene	7.323	91	182562	5.146	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	49608	4.974	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	29782	5.136	ug/L	98
47) Tetrachloroethene	7.911	164	39740	4.743	ug/L	91
48) 2-Hexanone	8.085	43	163625	52.681	ug/L	98
49) Dibromochloromethane	8.182	129	38309	5.251	ug/L	100
50) 1,2-Dibromoethane	8.291	107	25818	4.991	ug/L	96
51) Chlorobenzene	8.821	112	118798	4.939	ug/L	99
52) Ethylbenzene	8.953	91	192509	4.977	ug/L	99
53) m,p-Xylene	9.079	106	76410	4.951	ug/L	97
54) o-Xylene	9.484	106	71540	4.870	ug/L	99
55) Styrene	9.503	104	125424	5.060	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	31324	4.832	ug/L	97
59) Bromoform	9.673	173	22798	4.927	ug/L	100
60) Isopropylbenzene	9.873	105	202773	4.785	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	23933	4.847	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	160182	4.643	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	161378	4.616	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	107968	4.960	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	108776	4.954	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	96928	4.953	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	5546	4.425	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.590	180	86293	5.007	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	66491	5.021	ug/L	98
71) Naphthalene	13.448	128	84222	4.435	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	54866	4.894	ug/L	99

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

