

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025862.D
 Acq On : 10 May 2022 15:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

Quant Time: May 11 04:07:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:58:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	476322	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	478457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	270349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	232574	37.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.660%
7) Chloroethane-d5	1.571	69	216077	40.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.060%
11) 1,1-Dichloroethene-d2	2.111	63	437137	40.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.320%
21) 2-Butanone-d5	3.883	46	245722	93.259	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.260%
24) Chloroform-d	4.346	84	359860	41.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.820%
26) 1,2-Dichloroethane-d4	5.027	65	222538	42.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.760%
32) Benzene-d6	5.047	84	722310	43.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.066	67	223806	43.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.380%
41) Toluene-d8	7.313	98	682922	44.437	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	7.619	79	109129	47.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.440%
47) 2-Hexanone-d5	8.085	63	190730	101.549	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.550%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	310834	45.498	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	262657	44.291	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	228279	46.354	ug/L	100
3) Chloromethane	1.243	50	261897	43.972	ug/L	99
5) Vinyl chloride	1.314	62	273824	45.221	ug/L	99
6) Bromomethane	1.526	94	176590	47.993	ug/L	100
8) Chloroethane	1.587	64	211021	46.664	ug/L	100
9) Trichlorofluoromethane	1.754	101	392812	45.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	214038	46.815	ug/L	98
12) 1,1-Dichloroethene	2.117	96	208185	46.297	ug/L	96
13) Acetone	2.179	43	178944	99.523	ug/L	98
14) Carbon disulfide	2.294	76	523766	47.091	ug/L	100
15) Methyl Acetate	2.433	43	190927	49.564	ug/L	100
16) Methylene chloride	2.506	84	209483	48.095	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	189253	48.987	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	613274	54.581	ug/L	99
19) 1,1-Dichloroethane	3.188	63	354108	49.073	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	212835	51.038	ug/L	100
22) 2-Butanone	3.966	43	254971	106.334	ug/L	99
23) Bromochloromethane	4.246	128	110276	50.065	ug/L	99
25) Chloroform	4.371	83	368293	48.164	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	284500	49.211	ug/L	100
29) Cyclohexane	4.677	56	310153	53.544	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	317928	48.928	ug/L	98
31) Carbon tetrachloride	4.825	117	271210	49.715	ug/L	100
33) Benzene	5.095	78	827659	51.375	ug/L	100
34) Trichloroethene	5.908	95	212339	50.392	ug/L	98
35) Methylcyclohexane	6.127	83	345895	54.809	ug/L	98
37) 1,2-Dichloropropane	6.169	63	214417	52.982	ug/L	99
38) Bromodichloromethane	6.506	83	283182	51.745	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	333353	57.762	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	535451	113.190	ug/L	99
42) Toluene	7.384	91	907694	52.521	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	311861	56.169	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	213390	51.894	ug/L	99
46) Tetrachloroethene	7.973	164	156920	50.485	ug/L	96
48) 2-Hexanone	8.136	43	419045	113.849	ug/L	99
49) Dibromochloromethane	8.243	129	220399	54.339	ug/L	99
50) 1,2-Dibromoethane	8.349	107	219131	52.404	ug/L	98
51) Chlorobenzene	8.879	112	575317	51.986	ug/L	98
52) Ethylbenzene	9.008	91	977068	54.798	ug/L	100
53) m,p-Xylene	9.136	106	384996	55.668	ug/L	98
54) o-Xylene	9.542	106	380830	56.057	ug/L	100
55) Styrene	9.558	104	663612	56.060	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	329332	53.678	ug/L	100
59) Bromoform	9.728	173	142042	54.466	ug/L	98
60) Isopropylbenzene	9.927	105	990996	54.725	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	267504	49.990	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	536958	57.526	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	837412	57.823	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	451776	52.705	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	461372	51.360	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	455950	51.426	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	67948	55.000	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	323414	54.644	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	286786	56.903	ug/L	99
71) Naphthalene	13.500	128	910933	61.031	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	287030	55.887	ug/L	99

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

