

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042623\
 Data File : VW030893.D
 Acq On : 26 Apr 2023 20:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050343

Quant Time: Apr 27 04:49:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	222928	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	217855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	132227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	59020	36.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.220%
7) Chloroethane-d5	1.536	69	56466	41.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.460%
11) 1,1-Dichloroethene-d2	2.066	65	31835	41.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.160%
21) 2-Butanone-d5	3.799	46	95787	106.712	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.710%
24) Chloroform-d	4.259	84	142523	48.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	4.950	65	99365	52.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.380%
32) Benzene-d6	4.969	84	252891	49.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.998	67	74654	46.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	7.249	98	244108	50.477	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.960%
43) trans-1,3-Dichloroprop...	7.558	79	39531	49.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.040%
47) 2-Hexanone-d5	8.034	63	60807	96.476	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.480%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	120478	51.894	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	107106	50.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	77107	40.230	ug/L	99
3) Chloromethane	1.217	50	91387	36.348	ug/L	99
5) Vinyl chloride	1.288	62	84377	41.626	ug/L	99
6) Bromomethane	1.490	94	41371	51.471	ug/L	97
8) Chloroethane	1.552	64	57348	41.248	ug/L	100
9) Trichlorofluoromethane	1.719	101	153412	46.697	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	76529	44.325	ug/L	99
12) 1,1-Dichloroethene	2.076	96	69415	44.469	ug/L	96
13) Acetone	2.127	43	95037	68.422	ug/L	99
14) Carbon disulfide	2.246	76	165828	37.611	ug/L	98
15) Methyl Acetate	2.381	43	87095	46.987	ug/L	100
16) Methylene chloride	2.455	84	77969	43.648	ug/L	97
17) trans-1,2-Dichloroethene	2.703	96	68144	43.243	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	249353	49.401	ug/L	98
19) 1,1-Dichloroethane	3.121	63	141819	44.141	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	79597	46.434	ug/L	99
22) 2-Butanone	3.883	43	117327	81.739	ug/L	100
23) Bromochloromethane	4.156	128	45159	47.168	ug/L	96
25) Chloroform	4.285	83	156431	47.041	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	142769	50.718	ug/L	99
29) Cyclohexane	4.593	56	109037	41.707	ug/L	97
30) 1,1,1-Trichloroethane	4.523	97	146167	47.748	ug/L	100
31) Carbon tetrachloride	4.744	117	128866	47.084	ug/L	100
33) Benzene	5.018	78	306208	46.286	ug/L	100
34) Trichloroethene	5.841	95	78316	45.512	ug/L	97
35) Methylcyclohexane	6.059	83	115191	42.722	ug/L	97
37) 1,2-Dichloropropane	6.101	63	81246	45.628	ug/L	99
38) Bromodichloromethane	6.439	83	117006	46.778	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	116824	43.714	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	242750	97.595	ug/L	98
42) Toluene	7.323	91	338963	47.836	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	125018	47.615	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	83937	47.010	ug/L	98
46) Tetrachloroethene	7.911	164	69745	46.305	ug/L	97
48) 2-Hexanone	8.085	43	195486	95.251	ug/L	96
49) Dibromochloromethane	8.185	129	92879	47.160	ug/L	98
50) 1,2-Dibromoethane	8.291	107	86514	46.763	ug/L #	97
51) Chlorobenzene	8.821	112	223418	47.608	ug/L	98
52) Ethylbenzene	8.953	91	371262	47.327	ug/L	99
53) m,p-Xylene	9.079	106	145433	49.082	ug/L	99
54) o-Xylene	9.487	106	141803	48.919	ug/L	97
55) Styrene	9.503	104	257098	50.492	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	137442	46.885	ug/L	98
59) Bromoform	9.670	173	76746	46.359	ug/L	99
60) Isopropylbenzene	9.873	105	383704	46.530	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	107402	45.351	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	314430	46.310	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	313506	46.246	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	195201	47.280	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	201819	46.357	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	196303	47.131	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	32029	45.648	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	146940	47.114	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	123514	46.644	ug/L	98
71) Naphthalene	13.445	128	330879	45.678	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	125586	47.828	ug/L	98

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

