

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030752.D
 Acq On : 21 Apr 2023 06:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050298

Quant Time: Apr 21 06:40:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 01:37:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	216582	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	211538	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	123564	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	80879	50.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.880%
7) Chloroethane-d5	1.535	69	67172	50.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.980%
11) 1,1-Dichloroethene-d2	2.066	65	38898	51.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.320%
21) 2-Butanone-d5	3.799	46	99480	114.074	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.070%
24) Chloroform-d	4.259	84	150749	52.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.780%
26) 1,2-Dichloroethane-d4	4.950	65	101688	54.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.940%
32) Benzene-d6	4.969	84	272656	54.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
36) 1,2-Dichloropropane-d6	5.998	67	80047	51.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.060%
41) Toluene-d8	7.249	98	260541	55.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.960%
43) trans-1,3-Dichloroprop...	7.558	79	40961	52.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.620%
47) 2-Hexanone-d5	8.034	63	64421	105.262	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	120726	53.554	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.100%
66) 1,2-Dichlorobenzene-d4	11.567	152	106749	54.353	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	85608	45.974	ug/L	99
3) Chloromethane	1.217	50	105674	43.262	ug/L	99
5) Vinyl chloride	1.288	62	93383	47.419	ug/L	98
6) Bromomethane	1.490	94	41967	53.742	ug/L	98
8) Chloroethane	1.552	64	60568	44.841	ug/L	99
9) Trichlorofluoromethane	1.716	101	161648	50.645	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	80806	48.174	ug/L	99
12) 1,1-Dichloroethene	2.076	96	76699	50.575	ug/L	95
13) Acetone	2.124	43	98519	73.008	ug/L	96
14) Carbon disulfide	2.246	76	197362	46.075	ug/L	98
15) Methyl Acetate	2.378	43	93820	52.099	ug/L	98
16) Methylene chloride	2.455	84	82352	47.453	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	75053	49.023	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	260043	53.029	ug/L	98
19) 1,1-Dichloroethane	3.121	63	152873	48.975	ug/L	100
20) cis-1,2-Dichloroethene	3.822	96	84104	50.501	ug/L	96
22) 2-Butanone	3.879	43	125565	90.042	ug/L	97
23) Bromochloromethane	4.159	128	46713	50.221	ug/L	97
25) Chloroform	4.288	83	164209	50.827	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	143595	52.506	ug/L	98
29) Cyclohexane	4.593	56	121648	47.920	ug/L	97
30) 1,1,1-Trichloroethane	4.523	97	152106	51.172	ug/L	99
31) Carbon tetrachloride	4.744	117	134685	50.680	ug/L	99
33) Benzene	5.021	78	330902	51.512	ug/L	100
34) Trichloroethene	5.841	95	81878	49.003	ug/L	96
35) Methylcyclohexane	6.059	83	128679	49.149	ug/L	97
37) 1,2-Dichloropropane	6.101	63	84850	49.075	ug/L	99
38) Bromodichloromethane	6.442	83	123248	50.745	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	127823	49.258	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	261496	108.271	ug/L	99
42) Toluene	7.323	91	363838	52.880	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	125888	49.378	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	85942	49.571	ug/L	99
46) Tetrachloroethene	7.911	164	73065	49.958	ug/L	97
48) 2-Hexanone	8.082	43	205058	102.898	ug/L	99
49) Dibromochloromethane	8.185	129	96145	50.276	ug/L	100
50) 1,2-Dibromoethane	8.291	107	90220	50.223	ug/L #	99
51) Chlorobenzene	8.821	112	248934	54.629	ug/L	98
52) Ethylbenzene	8.953	91	389149	51.089	ug/L	99
53) m,p-Xylene	9.079	106	152675	53.064	ug/L	99
54) o-Xylene	9.487	106	145791	51.796	ug/L	99
55) Styrene	9.503	104	264868	53.571	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	142565	50.084	ug/L	99
59) Bromoform	9.670	173	81874	52.923	ug/L	99
60) Isopropylbenzene	9.876	105	399504	51.842	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	110498	49.929	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	330595	52.105	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	328203	51.808	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	200689	52.017	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	233379	57.364	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	252728	64.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	32907	50.188	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	145273	49.846	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	151391	61.179	ug/L	99
71) Naphthalene	13.448	128	342158	50.547	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	135190	55.095	ug/L	99

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

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