

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029434.D
 Acq On : 07 Dec 2022 21:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050374

Quant Time: Dec 08 00:58:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	502920	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	458584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	250220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143652	46.645	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.300%		
7) Chloroethane-d5	1.561	69	109980	46.833	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.660%		
11) 1,1-Dichloroethene-d2	2.108	63	235007	48.925	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.840%		
21) 2-Butanone-d5	3.870	46	202324	107.695	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.690%		
24) Chloroform-d	4.343	84	284462	49.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.160%		
26) 1,2-Dichloroethane-d4	5.024	65	165313	49.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.880%		
32) Benzene-d6	5.043	84	592532	48.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.800%		
36) 1,2-Dichloropropane-d6	6.063	67	179394	48.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.940%		
41) Toluene-d8	7.310	98	557510	48.831	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.660%		
43) trans-1,3-Dichloroprop...	7.612	79	88952	47.593	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.180%		
47) 2-Hexanone-d5	8.082	63	171646	108.600	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.600%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	262241	49.581	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.160%		
66) 1,2-Dichlorobenzene-d4	11.612	152	228788	48.032	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	210034	53.020	ug/L	99
3) Chloromethane	1.240	50	221798	49.107	ug/L	99
5) Vinyl chloride	1.307	62	200454	53.046	ug/L	99
6) Bromomethane	1.516	94	101280	66.609	ug/L	99
8) Chloroethane	1.581	64	110277	52.408	ug/L	99
9) Trichlorofluoromethane	1.751	101	246745	52.159	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137136	52.170	ug/L	100
12) 1,1-Dichloroethene	2.114	96	140108	52.119	ug/L	97
13) Acetone	2.156	43	113107	92.418	ug/L	100
14) Carbon disulfide	2.291	76	466216	52.110	ug/L	99
15) Methyl Acetate	2.423	43	157886	56.623	ug/L	99
16) Methylene chloride	2.500	84	178708	53.466	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	162965	52.613	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	512754	54.031	ug/L	99
19) 1,1-Dichloroethane	3.185	63	283676	53.459	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	183143	53.770	ug/L	97
22) 2-Butanone	3.953	43	217187	111.528	ug/L	99
23) Bromochloromethane	4.240	128	93547	53.338	ug/L	97
25) Chloroform	4.368	83	295271	53.674	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	205995	53.008	ug/L	99
29) Cyclohexane	4.670	56	269165	54.183	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	262577	52.555	ug/L	99
31) Carbon tetrachloride	4.822	117	225530	51.692	ug/L	100
33) Benzene	5.095	78	693280	53.634	ug/L	100
34) Trichloroethene	5.908	95	172924	53.386	ug/L	99
35) Methylcyclohexane	6.127	83	291321	52.954	ug/L	98
37) 1,2-Dichloropropane	6.169	63	163958	52.553	ug/L	100
38) Bromodichloromethane	6.503	83	226329	52.551	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	269650	52.553	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	437417	117.592	ug/L	98
42) Toluene	7.381	91	744062	53.480	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	251738	51.808	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	169590	52.616	ug/L	97
46) Tetrachloroethene	7.969	164	137578	52.829	ug/L	99
48) 2-Hexanone	8.133	43	326368	114.840	ug/L	97
49) Dibromochloromethane	8.236	129	184586	51.871	ug/L	100
50) 1,2-Dibromoethane	8.346	107	175920	52.978	ug/L	100
51) Chlorobenzene	8.873	112	473337	53.727	ug/L	99
52) Ethylbenzene	9.005	91	786377	53.761	ug/L	99
53) m,p-Xylene	9.130	106	310762	53.679	ug/L	100
54) o-Xylene	9.535	106	306743	53.565	ug/L	100
55) Styrene	9.551	104	536877	53.948	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	275373	53.410	ug/L	99
59) Bromoform	9.722	173	142585	51.585	ug/L	100
60) Isopropylbenzene	9.921	105	801964	54.590	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	212103	54.916	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	699257	53.833	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	700002	54.366	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	382856	53.300	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	387447	53.074	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	390926	53.221	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	63599	52.980	ug/L	96
69) 1,3,5-Trichlorobenzene	12.632	180	305553	53.452	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	277074	54.508	ug/L	100
71) Naphthalene	13.493	128	666932	57.843	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	276889	55.613	ug/L	99

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

