

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029590.D
 Acq On : 12 Dec 2022 13:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050383

Quant Time: Dec 13 03:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	525223	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	485050	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	266456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	158418	49.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.520%
7) Chloroethane-d5	1.561	69	130757	53.316	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.640%
11) 1,1-Dichloroethene-d2	2.105	63	263033	52.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.860%
21) 2-Butanone-d5	3.870	46	210795	107.439	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.440%
24) Chloroform-d	4.336	84	296188	48.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	5.021	65	172694	49.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.920%
32) Benzene-d6	5.040	84	627685	48.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.940%
36) 1,2-Dichloropropane-d6	6.060	67	186025	47.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	7.307	98	581670	48.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
43) trans-1,3-Dichloroprop...	7.609	79	85143	43.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.140%
47) 2-Hexanone-d5	8.082	63	180038	107.694	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.690%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	260606	46.584	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.160%
66) 1,2-Dichlorobenzene-d4	11.612	152	227451	44.842	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	167689	40.533	ug/L	100
3) Chloromethane	1.240	50	185286	39.281	ug/L	100
5) Vinyl chloride	1.307	62	172331	43.667	ug/L	97
6) Bromomethane	1.520	94	88452	55.702	ug/L	99
8) Chloroethane	1.581	64	108268	49.269	ug/L	99
9) Trichlorofluoromethane	1.748	101	224124	45.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	133451	48.613	ug/L	98
12) 1,1-Dichloroethene	2.114	96	130968	46.650	ug/L	89
13) Acetone	2.163	43	159670	124.924	ug/L	97
14) Carbon disulfide	2.291	76	394361	42.207	ug/L	100
15) Methyl Acetate	2.423	43	155844	53.518	ug/L	98
16) Methylene chloride	2.500	84	167408	47.958	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	150786	46.613	ug/L	94
18) Methyl tert-butyl Ether	2.761	73	498998	50.348	ug/L	99
19) 1,1-Dichloroethane	3.182	63	269568	48.644	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	171988	48.351	ug/L	93
22) 2-Butanone	3.954	43	226399	111.321	ug/L	97
23) Bromochloromethane	4.236	128	89763	49.007	ug/L	96
25) Chloroform	4.365	83	280190	48.770	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	204707	50.440	ug/L	100
29) Cyclohexane	4.670	56	232641	44.276	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	235340	44.533	ug/L	99
31) Carbon tetrachloride	4.818	117	199136	43.152	ug/L	100
33) Benzene	5.092	78	642349	46.982	ug/L	100
34) Trichloroethene	5.905	95	160203	46.760	ug/L	99
35) Methylcyclohexane	6.124	83	260982	44.851	ug/L	98
37) 1,2-Dichloropropane	6.166	63	160396	48.606	ug/L	100
38) Bromodichloromethane	6.500	83	215133	47.226	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	221682	40.847	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	431550	109.684	ug/L	98
42) Toluene	7.378	91	689462	46.852	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	222715	43.334	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	167509	49.135	ug/L	98
46) Tetrachloroethene	7.966	164	127774	46.387	ug/L	99
48) 2-Hexanone	8.133	43	330655	110.000	ug/L	98
49) Dibromochloromethane	8.236	129	178585	47.446	ug/L	98
50) 1,2-Dibromoethane	8.342	107	166703	47.463	ug/L	99
51) Chlorobenzene	8.870	112	445216	47.778	ug/L	100
52) Ethylbenzene	9.002	91	732278	47.331	ug/L	100
53) m,p-Xylene	9.130	106	288915	47.182	ug/L	100
54) o-Xylene	9.532	106	279577	46.157	ug/L	97
55) Styrene	9.551	104	499384	47.442	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	261088	47.876	ug/L	99
59) Bromoform	9.722	173	129163	43.882	ug/L	99
60) Isopropylbenzene	9.921	105	709019	45.322	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	200447	48.736	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	630668	45.594	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	630307	45.970	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	358620	46.884	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	367744	47.306	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	360751	46.121	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	57052	44.630	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	279348	45.890	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	252791	46.700	ug/L	99
71) Naphthalene	13.490	128	620649	50.549	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.728	180	253376	47.790	ug/L	100

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

