

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122022\
 Data File : VW029754.D
 Acq On : 20 Dec 2022 16:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050394

Quant Time: Dec 21 00:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	477377	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	440098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	242244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140833	48.177	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.360%		
7) Chloroethane-d5	1.565	69	122177	54.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.620%		
11) 1,1-Dichloroethene-d2	2.108	63	257642	56.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	113.020%		
21) 2-Butanone-d5	3.873	46	196359	110.112	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.110%		
24) Chloroform-d	4.339	84	264918	48.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.320%		
26) 1,2-Dichloroethane-d4	5.021	65	157744	50.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.420%		
32) Benzene-d6	5.040	84	565340	48.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
36) 1,2-Dichloropropane-d6	6.060	67	177842	50.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.140%		
41) Toluene-d8	7.307	98	517243	47.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.420%		
43) trans-1,3-Dichloroprop...	7.613	79	77114	42.992	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.980%		
47) 2-Hexanone-d5	8.082	63	160184	105.605	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.600%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	260159	51.254	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.500%		
66) 1,2-Dichlorobenzene-d4	11.612	152	208363	45.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	167113	44.442	ug/L	99
3) Chloromethane	1.240	50	195511	45.604	ug/L	100
5) Vinyl chloride	1.311	62	190577	53.131	ug/L	99
6) Bromomethane	1.520	94	78978	54.721	ug/L	99
8) Chloroethane	1.581	64	121835	60.999	ug/L	100
9) Trichlorofluoromethane	1.751	101	238292	53.068	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	143487	57.507	ug/L	96
12) 1,1-Dichloroethene	2.114	96	137929	54.054	ug/L	87
13) Acetone	2.163	43	134888	116.112	ug/L	100
14) Carbon disulfide	2.291	76	394547	46.459	ug/L	99
15) Methyl Acetate	2.423	43	161448	60.999	ug/L	94
16) Methylene chloride	2.500	84	173446	54.668	ug/L	94
17) trans-1,2-Dichloroethene	2.754	96	150507	51.190	ug/L	94
18) Methyl tert-butyl Ether	2.761	73	495842	55.044	ug/L	98
19) 1,1-Dichloroethane	3.182	63	283264	56.238	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	171436	53.026	ug/L	93
22) 2-Butanone	3.954	43	217053	117.423	ug/L	93
23) Bromochloromethane	4.236	128	91222	54.795	ug/L	96
25) Chloroform	4.365	83	294465	56.392	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	206993	56.115	ug/L	100
29) Cyclohexane	4.671	56	239966	50.334	ug/L	96
30) 1,1,1-Trichloroethane	4.597	97	244121	50.913	ug/L	98
31) Carbon tetrachloride	4.818	117	205013	48.963	ug/L	100
33) Benzene	5.092	78	652662	52.612	ug/L	100
34) Trichloroethene	5.905	95	158684	51.048	ug/L	98
35) Methylcyclohexane	6.124	83	260744	49.387	ug/L	96
37) 1,2-Dichloropropane	6.166	63	164484	54.936	ug/L	100
38) Bromodichloromethane	6.500	83	216142	52.294	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	232952	47.308	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	443707	124.293	ug/L	95
42) Toluene	7.378	91	694665	52.027	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	220659	47.319	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	169100	54.668	ug/L	98
46) Tetrachloroethene	7.966	164	129907	51.979	ug/L	96
48) 2-Hexanone	8.133	43	332690	121.982	ug/L	95
49) Dibromochloromethane	8.236	129	178636	52.307	ug/L	98
50) 1,2-Dibromoethane	8.342	107	170488	53.499	ug/L	99
51) Chlorobenzene	8.873	112	443223	52.422	ug/L	100
52) Ethylbenzene	9.002	91	727010	51.790	ug/L	99
53) m,p-Xylene	9.127	106	291710	52.504	ug/L	99
54) o-Xylene	9.532	106	280689	51.074	ug/L	99
55) Styrene	9.551	104	510608	53.463	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	280222	56.633	ug/L	99
59) Bromoform	9.719	173	130794	48.877	ug/L	99
60) Isopropylbenzene	9.921	105	745376	52.408	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	214505	57.366	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	612865	48.736	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	614104	49.265	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	352962	50.756	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	357080	50.525	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	356294	50.104	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	54910	47.248	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	264557	47.804	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	234045	47.559	ug/L	100
71) Naphthalene	13.490	128	637838	57.141	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	242136	50.234	ug/L	100

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

