

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022358.D
 Acq On : 28 Sep 2021 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050347

Quant Time: Sep 29 01:27:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:38:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	264450	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	255094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140860	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108355	48.281	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.560%		
7) Chloroethane-d5	1.561	69	87101	49.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.140%		
11) 1,1-Dichloroethene-d2	2.108	63	193253	49.527	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.060%		
21) 2-Butanone-d5	3.873	46	157440	99.403	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.400%		
24) Chloroform-d	4.349	84	202768	50.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.080%		
26) 1,2-Dichloroethane-d4	5.031	65	120237	48.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
32) Benzene-d6	5.050	84	408056	50.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.700%		
36) 1,2-Dichloropropane-d6	6.069	67	126869	49.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.840%		
41) Toluene-d8	7.317	98	379555	51.674	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.340%		
43) trans-1,3-Dichloroprop...	7.622	79	59279	50.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.120%		
47) 2-Hexanone-d5	8.088	63	110988	106.391	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.390%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	185500	49.775	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.540%		
66) 1,2-Dichlorobenzene-d4	11.625	152	156368	49.923	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129574	51.414	ug/L	99
3) Chloromethane	1.240	50	125951	48.868	ug/L	99
5) Vinyl chloride	1.310	62	122830	51.065	ug/L	97
6) Bromomethane	1.510	94	80161	51.917	ug/L	99
8) Chloroethane	1.577	64	75733	51.637	ug/L	99
9) Trichlorofluoromethane	1.748	101	168244	51.517	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	97002	52.976	ug/L	99
12) 1,1-Dichloroethene	2.114	96	89382	51.386	ug/L	97
13) Acetone	2.159	43	161342	129.789	ug/L	98
14) Carbon disulfide	2.291	76	275094	50.685	ug/L	100
15) Methyl Acetate	2.426	43	118740	51.247	ug/L	98
16) Methylene chloride	2.503	84	111476	45.984	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	100939	50.318	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	306455	51.372	ug/L	100
19) 1,1-Dichloroethane	3.188	63	182184	50.314	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	107270	50.208	ug/L	99
22) 2-Butanone	3.953	43	192073	117.455	ug/L	99
23) Bromochloromethane	4.246	128	58784	50.751	ug/L	98
25) Chloroform	4.375	83	183074	49.081	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	133759	50.429	ug/L	100
29) Cyclohexane	4.677	56	160150	53.577	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	160110	52.293	ug/L	100
31) Carbon tetrachloride	4.828	117	140977	52.281	ug/L	98
33) Benzene	5.098	78	414572	53.254	ug/L	100
34) Trichloroethene	5.915	95	103878	51.887	ug/L	99
35) Methylcyclohexane	6.133	83	169188	54.858	ug/L	99
37) 1,2-Dichloropropane	6.172	63	108046	54.080	ug/L	100
38) Bromodichloromethane	6.510	83	131506	51.479	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	153225	52.106	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	297454	105.806	ug/L	99
42) Toluene	7.387	91	443126	53.327	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	152269	54.232	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	105135	51.706	ug/L	98
46) Tetrachloroethene	7.976	164	88562	53.726	ug/L	97
48) 2-Hexanone	8.140	43	249524	116.873	ug/L	100
49) Dibromochloromethane	8.246	129	113219	52.621	ug/L	98
50) 1,2-Dibromoethane	8.352	107	113743	52.333	ug/L	98
51) Chlorobenzene	8.883	112	281386	51.472	ug/L	100
52) Ethylbenzene	9.014	91	464223	53.336	ug/L	100
53) m,p-Xylene	9.140	106	183562	54.764	ug/L	99
54) o-Xylene	9.545	106	177049	54.361	ug/L	97
55) Styrene	9.561	104	310891	54.904	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	170904	50.779	ug/L	98
59) Bromoform	9.731	173	80686	51.057	ug/L	99
60) Isopropylbenzene	9.934	105	467702	53.904	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	131283	49.956	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	388754	54.370	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	399205	55.327	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	229189	52.107	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	231421	51.655	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	233345	51.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	35099	50.581	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	170558	53.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	139860	52.093	ug/L	98
71) Naphthalene	13.503	128	450373	54.749	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	150315	54.225	ug/L	99

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

