

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022356.D
 Acq On : 28 Sep 2021 01:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050346

Quant Time: Sep 28 02:48:16 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	5.619	114	272751	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	267568	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142312	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110841	47.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.780%			
7) Chloroethane-d5	1.558	69	91756	50.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.240%			
11) 1,1-Dichloroethene-d2	2.105	63	196871	48.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.840%			
21) 2-Butanone-d5	3.873	46	176782	108.218	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.220%			
24) Chloroform-d	4.349	84	213946	51.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.380%			
26) 1,2-Dichloroethane-d4	5.031	65	126730	49.443	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.880%			
32) Benzene-d6	5.050	84	429388	51.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.020%			
36) 1,2-Dichloropropane-d6	6.069	67	133307	49.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.000%			
41) Toluene-d8	7.317	98	397969	51.655	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.300%			
43) trans-1,3-Dichloroprop...	7.622	79	59305	48.228	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.460%			
47) 2-Hexanone-d5	8.088	63	121893	111.397	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.400%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	200359	51.255	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.520%			
66) 1,2-Dichlorobenzene-d4	11.625	152	160480	50.713	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	127822	49.175	ug/L	100
3) Chloromethane	1.240	50	135460	50.958	ug/L	100
5) Vinyl chloride	1.307	62	124357	50.126	ug/L	99
6) Bromomethane	1.510	94	81496	51.175	ug/L	98
8) Chloroethane	1.577	64	76602	50.640	ug/L	100
9) Trichlorofluoromethane	1.748	101	167229	49.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91786	48.602	ug/L	99
12) 1,1-Dichloroethene	2.114	96	90773	50.597	ug/L	92
13) Acetone	2.159	43	104120	81.209	ug/L	97
14) Carbon disulfide	2.291	76	273206	48.805	ug/L	100
15) Methyl Acetate	2.426	43	129045	53.999	ug/L	99
16) Methylene chloride	2.503	84	120739	48.289	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	102693	49.634	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	319991	52.009	ug/L	100
19) 1,1-Dichloroethane	3.188	63	189964	50.866	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	111139	50.436	ug/L	100
22) 2-Butanone	3.957	43	166840	98.919	ug/L	100
23) Bromochloromethane	4.246	128	60514	50.655	ug/L	98
25) Chloroform	4.375	83	189701	49.310	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	137913	50.413	ug/L	99
29) Cyclohexane	4.677	56	161524	51.518	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	165772	51.618	ug/L	100
31) Carbon tetrachloride	4.828	117	142071	50.231	ug/L	100
33) Benzene	5.098	78	432044	52.911	ug/L	100
34) Trichloroethene	5.915	95	103940	49.498	ug/L	98
35) Methylcyclohexane	6.133	83	160981	49.763	ug/L	99
37) 1,2-Dichloropropane	6.175	63	111672	53.289	ug/L	100
38) Bromodichloromethane	6.510	83	135559	50.592	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	157443	51.044	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	325258	110.303	ug/L	99
42) Toluene	7.387	91	457828	52.527	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	149772	50.856	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	108874	51.048	ug/L	99
46) Tetrachloroethene	7.976	164	86485	50.020	ug/L	98
48) 2-Hexanone	8.140	43	245606	109.675	ug/L	99
49) Dibromochloromethane	8.249	129	114467	50.721	ug/L	99
50) 1,2-Dibromoethane	8.352	107	118822	52.121	ug/L	100
51) Chlorobenzene	8.883	112	293224	51.136	ug/L	99
52) Ethylbenzene	9.014	91	471883	51.688	ug/L	100
53) m,p-Xylene	9.140	106	184004	52.336	ug/L	99
54) o-Xylene	9.545	106	180465	52.827	ug/L	97
55) Styrene	9.561	104	319532	53.799	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	184314	52.210	ug/L	98
59) Bromoform	9.731	173	82085	51.413	ug/L	99
60) Isopropylbenzene	9.934	105	470954	53.725	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	139787	52.649	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	393405	54.459	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	399680	54.827	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	225302	50.700	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	227410	50.242	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	234283	51.628	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	37987	54.184	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	156146	48.708	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	134940	49.748	ug/L	99
71) Naphthalene	13.503	128	468804	56.408	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	142945	51.041	ug/L	99

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

