

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030754.D
 Acq On : 21 Apr 2023 10:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050299

Quant Time: Apr 22 00:40:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 01:37:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	253454	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	241518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	144139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	72298	38.911	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.820%		
7) Chloroethane-d5	1.539	69	61594	39.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.120%		
11) 1,1-Dichloroethene-d2	2.063	65	36099	40.969	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.940%		
21) 2-Butanone-d5	3.802	46	91246	89.410	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.410%		
24) Chloroform-d	4.259	84	144804	43.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.000%		
26) 1,2-Dichloroethane-d4	4.950	65	96009	44.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.700%		
32) Benzene-d6	4.970	84	255561	44.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.520%		
36) 1,2-Dichloropropane-d6	5.998	67	75266	42.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.860%		
41) Toluene-d8	7.249	98	248584	46.366	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.740%		
43) trans-1,3-Dichloroprop...	7.558	79	41071	45.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.880%		
47) 2-Hexanone-d5	8.034	63	63270	90.549	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.550%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	113426	44.070	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.140%		
66) 1,2-Dichlorobenzene-d4	11.567	152	103464	45.160	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	94196	43.227	ug/L	99
3) Chloromethane	1.217	50	110418	38.628	ug/L	100
5) Vinyl chloride	1.288	62	96840	42.020	ug/L	98
6) Bromomethane	1.494	94	41329	45.226	ug/L	98
8) Chloroethane	1.555	64	64056	40.524	ug/L	99
9) Trichlorofluoromethane	1.719	101	172986	46.313	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	87743	44.699	ug/L	96
12) 1,1-Dichloroethene	2.076	96	79322	44.695	ug/L	93
13) Acetone	2.130	43	150153	95.084	ug/L	99
14) Carbon disulfide	2.246	76	199920	39.883	ug/L	98
15) Methyl Acetate	2.381	43	92635	43.957	ug/L	100
16) Methylene chloride	2.455	84	84156	41.438	ug/L	97
17) trans-1,2-Dichloroethene	2.700	96	76742	42.834	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	268185	46.733	ug/L	98
19) 1,1-Dichloroethane	3.121	63	156356	42.804	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	86601	44.435	ug/L	99
22) 2-Butanone	3.883	43	141243	86.549	ug/L	100
23) Bromochloromethane	4.159	128	47306	43.460	ug/L	96
25) Chloroform	4.285	83	166222	43.965	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	148499	46.399	ug/L	99
29) Cyclohexane	4.593	56	130750	45.112	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	156362	46.074	ug/L	100
31) Carbon tetrachloride	4.745	117	142222	46.873	ug/L	99
33) Benzene	5.018	78	339763	46.326	ug/L	100
34) Trichloroethene	5.841	95	87098	45.656	ug/L	98
35) Methylcyclohexane	6.060	83	141161	47.224	ug/L	98
37) 1,2-Dichloropropane	6.101	63	85029	43.074	ug/L	99
38) Bromodichloromethane	6.439	83	125685	45.324	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	139110	46.953	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	263039	95.391	ug/L	99
42) Toluene	7.323	91	376796	47.965	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	139805	48.030	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	88338	44.628	ug/L	99
46) Tetrachloroethene	7.912	164	79251	47.461	ug/L	98
48) 2-Hexanone	8.082	43	215317	94.634	ug/L	99
49) Dibromochloromethane	8.185	129	100815	46.174	ug/L	99
50) 1,2-Dibromoethane	8.288	107	93605	45.639	ug/L	97
51) Chlorobenzene	8.822	112	241724	46.462	ug/L	99
52) Ethylbenzene	8.953	91	413010	47.491	ug/L	99
53) m,p-Xylene	9.079	106	159543	48.568	ug/L	98
54) o-Xylene	9.487	106	153638	47.809	ug/L	100
55) Styrene	9.503	104	278629	49.359	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	142622	43.885	ug/L	99
59) Bromoform	9.670	173	81740	45.295	ug/L	98
60) Isopropylbenzene	9.876	105	427052	47.507	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	112471	43.566	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	352804	47.668	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	350082	47.373	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	213057	47.340	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	222711	46.928	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	220196	48.498	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	33375	43.636	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	164253	48.313	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	141080	48.874	ug/L	99
71) Naphthalene	13.448	128	377973	47.867	ug/L	100
72) 1,2,3-Trichlorobenzene	13.690	180	142092	49.642	ug/L	99

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

