

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092122\
 Data File : VW028051.D
 Acq On : 22 Sep 2022 06:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050347

Quant Time: Sep 22 06:44:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 05:25:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	367731	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	352257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	194935	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	149089	46.182	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.360%		
7) Chloroethane-d5	1.561	69	119380	46.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.580%		
11) 1,1-Dichloroethene-d2	2.101	63	275263	48.131	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.260%		
21) 2-Butanone-d5	3.883	46	231637	120.666	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.670%		
24) Chloroform-d	4.339	84	270001	49.816	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.640%		
26) 1,2-Dichloroethane-d4	5.024	65	176722	50.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.620%		
32) Benzene-d6	5.043	84	533358	52.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.060%		
36) 1,2-Dichloropropane-d6	6.063	67	168861	53.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.720%		
41) Toluene-d8	7.310	98	495092	53.249	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.500%		
43) trans-1,3-Dichloroprop...	7.616	79	76443	48.758	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.520%		
47) 2-Hexanone-d5	8.085	63	177341	115.464	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.460%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	249735	54.118	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.240%		
66) 1,2-Dichlorobenzene-d4	11.622	152	191413	50.583	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	130367	46.878	ug/L	95
3) Chloromethane	1.237	50	156604	48.210	ug/L	99
5) Vinyl chloride	1.307	62	163795	49.592	ug/L	100
6) Bromomethane	1.516	94	103988	48.229	ug/L	99
8) Chloroethane	1.581	64	105098	50.245	ug/L	99
9) Trichlorofluoromethane	1.745	101	239153	49.155	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	131706	49.345	ug/L	99
12) 1,1-Dichloroethene	2.111	96	130428	48.885	ug/L	91
13) Acetone	2.175	43	172902	101.066	ug/L	100
14) Carbon disulfide	2.285	76	340966	48.295	ug/L	100
15) Methyl Acetate	2.429	43	174791	59.147	ug/L	98
16) Methylene chloride	2.500	84	151221	48.341	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	124933	49.200	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	421980	52.938	ug/L	99
19) 1,1-Dichloroethane	3.182	63	258070	52.609	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	146683	51.792	ug/L	95
22) 2-Butanone	3.966	43	246858	121.214	ug/L	98
23) Bromochloromethane	4.240	128	79167	51.795	ug/L	99
25) Chloroform	4.368	83	269015	51.367	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	214966	52.926	ug/L	100
29) Cyclohexane	4.670	56	198825	51.705	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	231971	53.494	ug/L	100
31) Carbon tetrachloride	4.822	117	197146	51.194	ug/L	97
33) Benzene	5.092	78	574843	54.698	ug/L	100
34) Trichloroethene	5.908	95	134731	51.735	ug/L	98
35) Methylcyclohexane	6.127	83	208547	49.615	ug/L	98
37) 1,2-Dichloropropane	6.169	63	154345	55.986	ug/L	100
38) Bromodichloromethane	6.503	83	200064	51.972	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	202755	48.568	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	483224	122.898	ug/L	99
42) Toluene	7.384	91	606107	54.424	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	204842	49.186	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	152014	54.659	ug/L	97
46) Tetrachloroethene	7.973	164	105420	48.654	ug/L	97
48) 2-Hexanone	8.137	43	387403	121.445	ug/L	98
49) Dibromochloromethane	8.243	129	159275	51.878	ug/L	99
50) 1,2-Dibromoethane	8.349	107	153386	53.779	ug/L	99
51) Chlorobenzene	8.876	112	371553	49.977	ug/L	99
52) Ethylbenzene	9.008	91	604334	50.266	ug/L	99
53) m,p-Xylene	9.133	106	239170	51.884	ug/L	98
54) o-Xylene	9.538	106	238779	53.685	ug/L	98
55) Styrene	9.558	104	432341	54.779	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	255678	54.811	ug/L	99
59) Bromoform	9.728	173	119525	52.986	ug/L	98
60) Isopropylbenzene	9.928	105	620399	53.813	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	205631	56.196	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	517320	52.472	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	514944	52.374	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	295347	50.263	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	301526	50.085	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	308640	51.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	61909	55.058	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	218248	47.364	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	189377	45.862	ug/L	99
71) Naphthalene	13.500	128	686094	51.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	211919	49.690	ug/L	99

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

