

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110922\
 Data File : VV028858.D
 Acq On : 09 Nov 2022 14:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050373

Quant Time: Nov 10 00:45:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 10 00:43:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	391337	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	371969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	202319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	184335	49.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.380%
7) Chloroethane-d5	1.561	69	159185	50.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.105	63	366686	51.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.920%
21) 2-Butanone-d5	3.860	46	237253	87.856	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.860%
24) Chloroform-d	4.336	84	292215	52.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
26) 1,2-Dichloroethane-d4	5.018	65	190408	51.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
32) Benzene-d6	5.040	84	588853	50.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.420%
36) 1,2-Dichloropropane-d6	6.059	67	199506	50.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	7.307	98	527192	51.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	7.612	79	81000	52.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.800%
47) 2-Hexanone-d5	8.079	63	152247	84.508	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.510%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	260730	49.598	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	199791	50.028	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.060%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	142666	49.571	ug/L	99
3) Chloromethane	1.240	50	220669	46.071	ug/L	99
5) Vinyl chloride	1.310	62	221084	50.250	ug/L	99
6) Bromomethane	1.516	94	115587	47.614	ug/L	97
8) Chloroethane	1.580	64	141705	50.156	ug/L	100
9) Trichlorofluoromethane	1.748	101	280594	53.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	164271	55.413	ug/L	100
12) 1,1-Dichloroethene	2.114	96	155483	53.270	ug/L	92
13) Acetone	2.153	43	226846	86.759	ug/L	98
14) Carbon disulfide	2.288	76	435188	53.452	ug/L	99
15) Methyl Acetate	2.420	43	199144	45.380	ug/L	98
16) Methylene chloride	2.500	84	174424	49.253	ug/L	96
17) trans-1,2-Dichloroethene	2.751	96	147313	52.178	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	503744	51.651	ug/L	99
19) 1,1-Dichloroethane	3.178	63	315428	51.276	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	164205	52.713	ug/L #	97
22) 2-Butanone	3.941	43	278950	86.842	ug/L	95
23) Bromochloromethane	4.233	128	79703	53.756	ug/L	95
25) Chloroform	4.362	83	302124	52.870	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	246155	52.747	ug/L	98
29) Cyclohexane	4.667	56	295000	49.703	ug/L	99
30) 1,1,1-Trichloroethane	4.596	97	250487	53.424	ug/L	99
31) Carbon tetrachloride	4.818	117	204988	54.720	ug/L	99
33) Benzene	5.088	78	679682	51.902	ug/L	100
34) Trichloroethene	5.905	95	160661	52.462	ug/L	99
35) Methylcyclohexane	6.120	83	282467	52.005	ug/L	98
37) 1,2-Dichloropropane	6.162	63	187499	51.749	ug/L	100
38) Bromodichloromethane	6.500	83	228854	55.598	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	274996	55.575	ug/L	99
40) 4-Methyl-2-pentanone	7.214	43	543354	90.172	ug/L	98
42) Toluene	7.378	91	700589	52.470	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	251926	55.057	ug/L	98
45) 1,1,2-Trichloroethane	7.828	97	160753	51.716	ug/L	99
46) Tetrachloroethene	7.966	164	114084	53.751	ug/L	98
48) 2-Hexanone	8.130	43	403010	87.816	ug/L	99
49) Dibromochloromethane	8.236	129	165165	57.401	ug/L	99
50) 1,2-Dibromoethane	8.342	107	163328	52.149	ug/L	99
51) Chlorobenzene	8.873	112	431376	52.762	ug/L	99
52) Ethylbenzene	9.005	91	770288	53.627	ug/L	99
53) m,p-Xylene	9.130	106	282336	53.893	ug/L	99
54) o-Xylene	9.535	106	285265	54.542	ug/L	95
55) Styrene	9.551	104	500465	55.798	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	280444	51.118	ug/L	100
59) Bromoform	9.722	173	111843	55.690	ug/L	99
60) Isopropylbenzene	9.921	105	764140	49.707	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	218357	45.422	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	653889	50.950	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	652083	51.072	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	336774	51.930	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	343076	51.920	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	340342	51.588	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	54104	44.176	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	241276	51.882	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	199928	50.237	ug/L	99
71) Naphthalene	13.490	128	505707	39.028	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	195776	48.602	ug/L	99

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

