

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021721.D
 Acq On : 02 Aug 2021 15:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050296

Quant Time: Aug 03 02:13:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 02:08:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	419573	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	394387	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	208337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129035	48.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.940%
7) Chloroethane-d5	1.555	69	107140	49.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.105	63	233856	49.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.240%
21) 2-Butanone-d5	3.873	46	234360	103.543	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.540%
24) Chloroform-d	4.349	84	282675	50.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
26) 1,2-Dichloroethane-d4	5.030	65	168213	50.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.720%
32) Benzene-d6	5.050	84	569229	50.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.840%
36) 1,2-Dichloropropane-d6	6.069	67	179371	50.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.260%
41) Toluene-d8	7.317	98	529837	51.230	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.460%
43) trans-1,3-Dichloroprop...	7.622	79	89817	51.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.760%
47) 2-Hexanone-d5	8.088	63	163742	105.990	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.990%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	246828	52.861	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	217913	50.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142591	51.351	ug/L	99
3) Chloromethane	1.240	50	136661	49.924	ug/L	99
5) Vinyl chloride	1.307	62	137781	49.394	ug/L	100
6) Bromomethane	1.503	94	85631	55.838	ug/L	100
8) Chloroethane	1.574	64	85406	50.053	ug/L	100
9) Trichlorofluoromethane	1.748	101	205512	50.615	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	119656	52.248	ug/L	97
12) 1,1-Dichloroethene	2.114	96	104280	49.667	ug/L	89
13) Acetone	2.159	43	170310	114.701	ug/L	99
14) Carbon disulfide	2.288	76	283121	50.313	ug/L	99
15) Methyl Acetate	2.426	43	156464	50.482	ug/L	99
16) Methylene chloride	2.503	84	146921	51.401	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	125830	50.792	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	445565	51.045	ug/L	100
19) 1,1-Dichloroethane	3.188	63	246392	50.998	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	148959	50.781	ug/L	98
22) 2-Butanone	3.957	43	241248	111.652	ug/L	99
23) Bromochloromethane	4.246	128	79781	50.626	ug/L	97
25) Chloroform	4.375	83	260228	51.336	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	183420	51.181	ug/L	100
29) Cyclohexane	4.677	56	200369	50.778	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	227806	51.168	ug/L	99
31) Carbon tetrachloride	4.828	117	192807	50.332	ug/L	99
33) Benzene	5.098	78	542166	51.119	ug/L	100
34) Trichloroethene	5.915	95	147418	49.058	ug/L	98
35) Methylcyclohexane	6.130	83	213446	52.101	ug/L	99
37) 1,2-Dichloropropane	6.175	63	145248	51.398	ug/L	99
38) Bromodichloromethane	6.510	83	194404	50.381	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	232443	51.909	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	425041	103.245	ug/L	100
42) Toluene	7.387	91	590681	51.654	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	223496	52.068	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	148087	51.458	ug/L	99
46) Tetrachloroethene	7.976	164	114786	51.689	ug/L	97
48) 2-Hexanone	8.140	43	333168	105.588	ug/L	100
49) Dibromochloromethane	8.246	129	164285	50.121	ug/L	99
50) 1,2-Dibromoethane	8.352	107	156643	51.228	ug/L	99
51) Chlorobenzene	8.882	112	391015	51.174	ug/L	100
52) Ethylbenzene	9.014	91	645994	52.030	ug/L	100
53) m,p-Xylene	9.140	106	252292	52.354	ug/L	98
54) o-Xylene	9.545	106	249996	51.553	ug/L	100
55) Styrene	9.561	104	432250	53.202	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	229706	53.474	ug/L	98
59) Bromoform	9.731	173	121720	50.520	ug/L	99
60) Isopropylbenzene	9.934	105	662630	51.485	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	189522	51.182	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	563691	51.728	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	578760	52.186	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	317754	51.236	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	321571	51.527	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	325529	51.385	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	49802	51.090	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	239253	51.842	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	205843	52.905	ug/L	100
71) Naphthalene	13.503	128	623979	55.397	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	209306	54.141	ug/L	99

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

