

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV022026.D
 Acq On : 31 Aug 2021 00:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050322

Quant Time: Aug 31 04:32:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 04:25:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	368324	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	357619	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	195275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98455	38.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.200%
7) Chloroethane-d5	1.561	69	86298	43.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	2.108	63	183766	43.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.120%
21) 2-Butanone-d5	3.873	46	173198	99.009	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.010%
24) Chloroform-d	4.349	84	212383	45.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.320%
26) 1,2-Dichloroethane-d4	5.034	65	128538	46.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
32) Benzene-d6	5.050	84	437161	45.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.140%
36) 1,2-Dichloropropane-d6	6.072	67	138007	45.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	7.317	98	415538	45.382	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	7.622	79	61082	42.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.140%
47) 2-Hexanone-d5	8.088	63	122222	104.422	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	197524	50.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	11.628	152	170489	44.411	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	113851	44.968	ug/L	99
3) Chloromethane	1.240	50	120995	45.132	ug/L	99
5) Vinyl chloride	1.307	62	126471	46.804	ug/L	99
6) Bromomethane	1.513	94	74542	45.884	ug/L	97
8) Chloroethane	1.581	64	81729	48.350	ug/L	99
9) Trichlorofluoromethane	1.751	101	189777	49.319	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	107672	47.707	ug/L	100
12) 1,1-Dichloroethene	2.114	96	102249	48.127	ug/L	91
13) Acetone	2.159	43	113809	77.648	ug/L #	74
14) Carbon disulfide	2.291	76	293473	45.779	ug/L	100
15) Methyl Acetate	2.426	43	141712	49.648	ug/L	99
16) Methylene chloride	2.503	84	135927	47.753	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	122521	47.696	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	388331	47.572	ug/L	99
19) 1,1-Dichloroethane	3.188	63	221013	48.307	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	137905	48.234	ug/L	98
22) 2-Butanone	3.957	43	189052	91.761	ug/L	100
23) Bromochloromethane	4.249	128	73688	48.396	ug/L	98
25) Chloroform	4.378	83	238936	49.335	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	164471	50.661	ug/L	97
29) Cyclohexane	4.680	56	182037	45.536	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	199868	47.024	ug/L	99
31) Carbon tetrachloride	4.831	117	171063	46.845	ug/L	99
33) Benzene	5.101	78	498059	47.869	ug/L	100
34) Trichloroethene	5.915	95	132353	44.908	ug/L	99
35) Methylcyclohexane	6.133	83	188707	43.799	ug/L	99
37) 1,2-Dichloropropane	6.175	63	128455	47.628	ug/L	100
38) Bromodichloromethane	6.513	83	164758	47.768	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	189720	45.561	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	370187	101.243	ug/L	100
42) Toluene	7.391	91	544737	48.509	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	178770	46.128	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	134837	49.134	ug/L	100
46) Tetrachloroethene	7.979	164	106491	46.469	ug/L	98
48) 2-Hexanone	8.140	43	275691	97.177	ug/L	100
49) Dibromochloromethane	8.249	129	141830	48.283	ug/L	98
50) 1,2-Dibromoethane	8.355	107	144007	48.895	ug/L	99
51) Chlorobenzene	8.882	112	356577	47.228	ug/L	99
52) Ethylbenzene	9.014	91	577331	47.493	ug/L	100
53) m,p-Xylene	9.140	106	223275	47.255	ug/L	100
54) o-Xylene	9.545	106	219777	47.011	ug/L	98
55) Styrene	9.561	104	388479	48.691	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	211043	53.078	ug/L	99
59) Bromoform	9.735	173	99314	47.885	ug/L	99
60) Isopropylbenzene	9.934	105	582120	47.442	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	168186	49.695	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	483778	46.963	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	496878	47.455	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	290199	46.581	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	295233	46.312	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	292449	47.277	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	41515	50.897	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	208747	44.811	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	185084	45.165	ug/L	100
71) Naphthalene	13.506	128	576307	48.889	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	188359	47.125	ug/L	100

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

