

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020531.D
 Acq On : 07 Jan 2021 18:04
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050409

Quant Time: Jan 08 00:57:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	341629	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.098	117	337339	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	161779	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	132868	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.82%
7) Chloroethane-d5	1.691	69	107481	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.343	63	253144	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.76%
21) 2-Butanone-d5	4.532	46	181358	107.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	5.135	84	265073	56.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.26%
26) 1,2-Dichloroethane-d4	6.031	65	162831	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	6.050	84	526007	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
36) 1,2-Dichloropropane-d6	7.367	67	161885	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.18%
41) Toluene-d8	8.696	98	466053	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
43) trans-1,3-Dichloroprop...	8.994	79	77718	50.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.82%
47) 2-Hexanone-d5	9.427	63	142051	102.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.50%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	220531	50.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.20%
66) 1,2-Dichlorobenzene-d4	12.360	152	172184	54.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	160335	48.21	ug/L	99
3) Chloromethane	1.313	50	144881	48.40	ug/L	99
5) Vinyl chloride	1.392	62	153169	48.17	ug/L	98
6) Bromomethane	1.636	94	82368	51.21	ug/L	98
8) Chloroethane	1.709	64	92887	48.77	ug/L	99
9) Trichlorofluoromethane	1.916	101	201635	50.35	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	126390	50.76	ug/L	99
12) 1,1-Dichloroethene	2.355	96	121868	50.07	ug/L	92
13) Acetone	2.422	43	114315	82.93	ug/L	99
14) Carbon disulfide	2.550	76	374255	47.91	ug/L	99
15) Methyl Acetate	2.745	43	130268	47.46	ug/L	99
16) Methylene chloride	2.837	84	139683	48.00	ug/L	99
17) trans-1,2-Dichloroethene	3.142	96	126438	48.26	ug/L	97
18) Methyl tert-butyl Ether	3.166	73	392667	49.59	ug/L	100
19) 1,1-Dichloroethane	3.672	63	234036	49.38	ug/L	99
20) cis-1,2-Dichloroethene	4.562	96	139748	48.78	ug/L	95
22) 2-Butanone	4.635	43	181618	89.15	ug/L	98
23) Bromochloromethane	4.977	128	72526	48.95	ug/L	96
25) Chloroform	5.172	83	241854	46.75	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	187682	49.20	ug/L	99
29) Cyclohexane	5.550	56	204401	49.14	ug/L	99
30) 1,1,1-Trichloroethane	5.464	97	210877	48.91	ug/L	99
31) Carbon tetrachloride	5.757	117	178069	48.85	ug/L	99
33) Benzene	6.111	78	542784	48.68	ug/L	100
34) Trichloroethene	7.184	95	137825	48.54	ug/L	99
35) Methylcyclohexane	7.440	83	210433	49.30	ug/L	99
37) 1,2-Dichloropropane	7.488	63	137985	48.79	ug/L	99
38) Bromodichloromethane	7.873	83	177230	48.80	ug/L	99
39) cis-1,3-Dichloropropene	8.415	75	205732	48.37	ug/L	99
40) 4-Methyl-2-pentanone	8.616	43	348917	93.90	ug/L	99
42) Toluene	8.763	91	564246	48.31	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	201044	48.42	ug/L	99
45) 1,1,2-Trichloroethane	9.195	97	132057	47.18	ug/L	98
46) Tetrachloroethene	9.317	164	104443	47.45	ug/L	94
48) 2-Hexanone	9.470	43	274216	93.39	ug/L	98
49) Dibromochloromethane	9.561	129	138576	48.28	ug/L	99
50) 1,2-Dibromoethane	9.653	107	138225	47.67	ug/L	96
51) Chlorobenzene	10.122	112	354489	47.93	ug/L	97
52) Ethylbenzene	10.232	91	631485	50.56	ug/L	100
53) m,p-Xylene	10.342	106	230936	49.49	ug/L	98
54) o-Xylene	10.683	106	220221	48.63	ug/L	98
55) Styrene	10.695	104	384198	50.11	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.250	83	209430	47.15	ug/L	100
59) Bromoform	10.842	173	99865	49.42	ug/L	99
60) Isopropylbenzene	11.000	105	595225	52.18	ug/L	100
61) 1,2,3-Trichloropropane	11.280	75	173535	49.17	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	477345	51.31	ug/L	99
63) 1,2,4-Trimethylbenzene	11.793	105	502715	53.53	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	257725	48.43	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	261096	48.56	ug/L	99
67) 1,2-Dichlorobenzene	12.372	146	269654	50.82	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.981	75	42914	48.08	ug/L	95
69) 1,3,5-Trichlorobenzene	13.152	180	179864	49.23	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	154698	49.18	ug/L	99
71) Naphthalene	13.817	128	554955	53.41	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	166240	51.37	ug/L	98

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

