

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030321\
 Data File : VX020965.D
 Acq On : 02 Mar 2021 12:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050444

Quant Time: Mar 03 01:07:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 03 01:05:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	322178	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	293969	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	136472	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	96356	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.02%
7) Chloroethane-d5	1.687	69	90037	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.10%
11) 1,1-Dichloroethene-d2	2.346	63	199385	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.48%
21) 2-Butanone-d5	4.523	46	146886	111.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.19%
24) Chloroform-d	5.135	84	220575	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	6.023	65	136385	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
32) Benzene-d6	6.041	84	430513	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	7.364	67	138125	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.02%
41) Toluene-d8	8.694	98	392595	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloroprop...	8.988	79	70623	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.12%
47) 2-Hexanone-d5	9.424	63	111242	102.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.25%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	173195	52.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.04%
66) 1,2-Dichlorobenzene-d4	12.359	152	142577	54.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	126635	52.22	ug/L	99
3) Chloromethane	1.311	50	117592	54.08	ug/L	100
5) Vinyl chloride	1.393	62	133837	52.14	ug/L	100
6) Bromomethane	1.628	94	75395	62.03	ug/L	99
8) Chloroethane	1.711	64	85809	53.45	ug/L	100
9) Trichlorofluoromethane	1.917	101	176627	52.73	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.370	101	116326	52.43	ug/L	97
12) 1,1-Dichloroethene	2.358	96	113868	52.77	ug/L	86
13) Acetone	2.417	43	122652	109.21	ug/L	99
14) Carbon disulfide	2.552	76	319911	51.12	ug/L	99
15) Methyl Acetate	2.746	43	103717	49.00	ug/L	97
16) Methylene chloride	2.834	84	125977	52.29	ug/L	98
17) trans-1,2-Dichloroethene	3.140	96	118537	51.25	ug/L	98
18) Methyl tert-butyl Ether	3.164	73	390452	51.51	ug/L	99
19) 1,1-Dichloroethane	3.670	63	213942	52.85	ug/L	99
20) cis-1,2-Dichloroethene	4.558	96	136692	52.97	ug/L	94
22) 2-Butanone	4.629	43	164513	103.21	ug/L	98
23) Bromochloromethane	4.982	128	68012	53.12	ug/L	89
25) Chloroform	5.170	83	225999	52.27	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.158	62	167722	52.77	ug/L	97
29) Cyclohexane	5.547	56	186507	50.07	ug/L	97
30) 1,1,1-Trichloroethane	5.458	97	191793	50.86	ug/L	99
31) Carbon tetrachloride	5.752	117	160000	51.18	ug/L	97
33) Benzene	6.105	78	491842	51.15	ug/L	100
34) Trichloroethene	7.188	95	132781	51.92	ug/L	97
35) Methylcyclohexane	7.435	83	201136	51.36	ug/L	96
37) 1,2-Dichloropropane	7.488	63	124101	51.52	ug/L	98
38) Bromodichloromethane	7.870	83	173629	51.94	ug/L	100
39) cis-1,3-Dichloropropene	8.412	75	206350	52.30	ug/L	99
40) 4-Methyl-2-pentanone	8.618	43	295564	100.29	ug/L	99
42) Toluene	8.765	91	522920	52.22	ug/L	96
44) trans-1,3-Dichloropropene	9.018	75	192313	51.03	ug/L	100
45) 1,1,2-Trichloroethane	9.194	97	123764	51.71	ug/L	99
46) Tetrachloroethene	9.318	164	95449	52.21	ug/L	96
48) 2-Hexanone	9.471	43	222899	99.19	ug/L	99
49) Dibromochloromethane	9.565	129	133887	52.96	ug/L	95
50) 1,2-Dibromoethane	9.653	107	128388	51.56	ug/L	96
51) Chlorobenzene	10.118	112	330657	52.24	ug/L	96
52) Ethylbenzene	10.235	91	576014	52.34	ug/L	97
53) m,p-Xylene	10.341	106	218794	52.71	ug/L	95
54) o-Xylene	10.683	106	214880	53.13	ug/L	88
55) Styrene	10.694	104	375118	53.34	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.253	83	169792	49.48	ug/L	99
59) Bromoform	10.835	173	91097	52.89	ug/L	99
60) Isopropylbenzene	11.000	105	561879	53.68	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	139308	50.86	ug/L	100
62) 1,3,5-Trimethylbenzene	11.489	105	454516	53.06	ug/L	96
63) 1,2,4-Trimethylbenzene	11.789	105	448319	52.00	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	236909	52.93	ug/L	97
65) 1,4-Dichlorobenzene	12.077	146	236073	52.66	ug/L	95
67) 1,2-Dichlorobenzene	12.371	146	234627	53.08	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.983	75	36635	48.59	ug/L	88
69) 1,3,5-Trichlorobenzene	13.153	180	162591	53.36	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	144937	53.80	ug/L	97
71) Naphthalene	13.818	128	512166	52.45	ug/L	100
72) 1,2,3-Trichlorobenzene	14.001	180	144213	52.65	ug/L	97

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

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