

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020517.D
 Acq On : 06 Jan 2021 14:02
 Operator : JC/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

Quant Time: Jan 06 15:07:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 15:06:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	342137	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	335881	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	165168	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	150852	62.63	ug/L	0.00
7) Chloroethane-d5	1.684	69	120913	65.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	281143	58.78	ug/L	0.00
21) 2-Butanone-d5	4.525	46	177838	115.25	ug/L	0.00
24) Chloroform-d	5.141	84	261384	58.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.025	65	170968	52.02	ug/L	0.00
32) Benzene-d6	6.043	84	559320	61.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.366	67	171913	60.72	ug/L	0.00
41) Toluene-d8	8.695	98	521352	59.01	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	85301	54.39	ug/L	0.00
47) 2-Hexanone-d5	9.427	63	152874	129.31	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	234150	61.47	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	180324	55.50	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	167222	55.25	ug/L	100
3) Chloromethane	1.313	50	147757	61.65	ug/L	100
5) Vinyl chloride	1.392	62	160345	60.72	ug/L	100
6) Bromomethane	1.623	94	84603	60.03	ug/L	100
8) Chloroethane	1.709	64	94255	60.93	ug/L	100
9) Trichlorofluoromethane	1.916	101	200972	48.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	127623	54.48	ug/L	100
12) 1,1-Dichloroethene	2.355	96	124339	56.16	ug/L	100
13) Acetone	2.416	43	137524	118.06	ug/L	100
14) Carbon disulfide	2.550	76	385963	57.16	ug/L	100
15) Methyl Acetate	2.745	43	136238	56.30	ug/L	100
16) Methylene chloride	2.831	84	142736	58.05	ug/L	100
17) trans-1,2-Dichloroethene	3.142	96	129535	55.59	ug/L	100
18) Methyl tert-butyl Ether	3.166	73	399064	54.00	ug/L	100
19) 1,1-Dichloroethane	3.666	63	235579	54.76	ug/L	100
20) cis-1,2-Dichloroethene	4.562	96	143923	56.18	ug/L	100
22) 2-Butanone	4.629	43	204948	117.21	ug/L	100
23) Bromochloromethane	4.977	128	73529	53.31	ug/L	100
25) Chloroform	5.172	83	260326	54.33	ug/L	100
27) 1,2-Dichloroethane	6.159	62	189333	50.44	ug/L	100
29) Cyclohexane	5.550	56	208263	55.40	ug/L	100
30) 1,1,1-Trichloroethane	5.458	97	211999	47.65	ug/L	100
31) Carbon tetrachloride	5.751	117	180446	45.53	ug/L	100
33) Benzene	6.111	78	555363	57.23	ug/L	100
34) Trichloroethene	7.183	95	138224	52.11	ug/L	100
35) Methylcyclohexane	7.440	83	216595	55.66	ug/L	100
37) 1,2-Dichloropropane	7.488	63	140491	55.17	ug/L	100
38) Bromodichloromethane	7.872	83	180574	50.69	ug/L	100
39) cis-1,3-Dichloropropene	8.415	75	217730	53.74	ug/L	100
40) 4-Methyl-2-pentanone	8.616	43	387562	114.87	ug/L	100
42) Toluene	8.762	91	603529	57.99	ug/L	100
44) trans-1,3-Dichloropropene	9.019	75	214244	52.24	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.195	97	134519	55.04	ug/L	100
46) Tetrachloroethene	9.317	164	106109	49.42	ug/L	100
48) 2-Hexanone	9.470	43	293997	111.27	ug/L	100
49) Dibromochloromethane	9.561	129	140434	47.27	ug/L	100
50) 1,2-Dibromoethane	9.653	107	140800	52.77	ug/L	100
51) Chlorobenzene	10.122	112	367505	53.58	ug/L	100
52) Ethylbenzene	10.232	91	650527	56.46	ug/L	100
53) m,p-Xylene	10.341	106	243512	55.98	ug/L	100
54) o-Xylene	10.683	106	231541	55.49	ug/L	100
55) Styrene	10.695	104	402501	55.81	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.250	83	217666	57.35	ug/L	100
59) Bromoform	10.841	173	101825	47.58	ug/L	100
60) Isopropylbenzene	11.000	105	597378	55.50	ug/L	100
61) 1,2,3-Trichloropropane	11.280	75	175637	56.71	ug/L	100
62) 1,3,5-Trimethylbenzene	11.488	105	503975	56.49	ug/L	100
63) 1,2,4-Trimethylbenzene	11.792	105	501971	55.61	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	267519	51.03	ug/L	100
65) 1,4-Dichlorobenzene	12.079	146	271112	51.21	ug/L	100
67) 1,2-Dichlorobenzene	12.372	146	273596	53.59	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.981	75	46964	52.94	ug/L	100
69) 1,3,5-Trichlorobenzene	13.152	180	191746	53.96	ug/L	100
70) 1,2,4-trichlorobenzene	13.627	180	163336	50.81	ug/L	100
71) Naphthalene	13.816	128	585023	57.55	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	172344	53.56	ug/L	100

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

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