

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020522.D
 Acq On : 06 Jan 2021 16:06
 Operator : JC/MD
 Sample : VSTD01034
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010404

Quant Time: Jan 06 16:27:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.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	344417	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.098	117	326976	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	155722	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	24503	10.11	ug/L	0.00
7) Chloroethane-d5	1.691	69	20106	10.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	44630	9.27	ug/L	0.00
21) 2-Butanone-d5	4.532	46	30768	19.81	ug/L	0.00
24) Chloroform-d	5.141	84	41200	9.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.031	65	28818	8.71	ug/L	0.00
32) Benzene-d6	6.044	84	89330	10.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.367	67	28177	10.22	ug/L	0.00
41) Toluene-d8	8.696	98	78376	9.11	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	12154	7.96	ug/L	0.00
47) 2-Hexanone-d5	9.427	63	20740	18.02	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	37049	9.99	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.360	152	28210	9.21	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	29222	9.59	ug/L	99
3) Chloromethane	1.313	50	26850	11.13	ug/L	98
5) Vinyl chloride	1.392	62	28489	10.72	ug/L	99
6) Bromomethane	1.630	94	17925	12.64	ug/L	97
8) Chloroethane	1.709	64	17530	11.26	ug/L	99
9) Trichlorofluoromethane	1.916	101	35779	8.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	22196	9.41	ug/L	99
12) 1,1-Dichloroethene	2.355	96	21225	9.52	ug/L	99
13) Acetone	2.416	43	26083	22.24	ug/L	99
14) Carbon disulfide	2.550	76	69690	10.25	ug/L	99
15) Methyl Acetate	2.745	43	24554	10.08	ug/L	99
16) Methylene chloride	2.831	84	26586	10.74	ug/L	96
17) trans-1,2-Dichloroethene	3.142	96	22934	9.78	ug/L	97
18) Methyl tert-butyl Ether	3.166	73	67497	9.07	ug/L	99
19) 1,1-Dichloroethane	3.666	63	42311	9.77	ug/L	98
20) cis-1,2-Dichloroethene	4.562	96	25094	9.73	ug/L	97
22) 2-Butanone	4.635	43	36027	20.47	ug/L	98
23) Bromochloromethane	4.983	128	13141	9.47	ug/L	93
25) Chloroform	5.172	83	47991	9.95	ug/L	95
27) 1,2-Dichloroethane	6.159	62	34483	9.13	ug/L	98
29) Cyclohexane	5.544	56	33382	9.12	ug/L	99
30) 1,1,1-Trichloroethane	5.464	97	37314	8.62	ug/L	99
31) Carbon tetrachloride	5.751	117	30955	8.02	ug/L	100
33) Benzene	6.111	78	96452	10.21	ug/L	100
34) Trichloroethene	7.190	95	24665	9.55	ug/L	99
35) Methylcyclohexane	7.440	83	33511	8.85	ug/L	100
37) 1,2-Dichloropropane	7.488	63	24625	9.93	ug/L	98
38) Bromodichloromethane	7.873	83	30591	8.82	ug/L	96
39) cis-1,3-Dichloropropene	8.415	75	33788	8.57	ug/L	97
40) 4-Methyl-2-pentanone	8.616	43	57887	17.62	ug/L	99
42) Toluene	8.763	91	96183	9.49	ug/L	98
44) trans-1,3-Dichloropropene	9.019	75	32571	8.16	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.195	97	24362	10.24	ug/L	98
46) Tetrachloroethene	9.317	164	18878	9.03	ug/L	97
48) 2-Hexanone	9.470	43	47213	18.36	ug/L	97
49) Dibromochloromethane	9.561	129	23474	8.12	ug/L	99
50) 1,2-Dibromoethane	9.653	107	24764	9.53	ug/L	97
51) Chlorobenzene	10.122	112	63476	9.51	ug/L	97
52) Ethylbenzene	10.232	91	98177	8.75	ug/L	100
53) m,p-Xylene	10.342	106	36839	8.70	ug/L	96
54) o-Xylene	10.683	106	36369	8.95	ug/L	94
55) Styrene	10.695	104	58068	8.27	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.250	83	35994	9.74	ug/L	98
59) Bromoform	10.842	173	16940	8.40	ug/L	97
60) Isopropylbenzene	11.000	105	95390	9.40	ug/L	100
61) 1,2,3-Trichloropropane	11.280	75	30268	10.37	ug/L	100
62) 1,3,5-Trimethylbenzene	11.488	105	71421	8.49	ug/L	100
63) 1,2,4-Trimethylbenzene	11.793	105	73315	8.62	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	45519	9.21	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	47060	9.43	ug/L	96
67) 1,2-Dichlorobenzene	12.378	146	46254	9.61	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.981	75	7400	8.85	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.152	180	28716	8.57	ug/L	94
70) 1,2,4-trichlorobenzene	13.628	180	23843	7.87	ug/L	94
71) Naphthalene	13.817	128	75729	7.90	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	25569	8.43	ug/L	99

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

