

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020521.D
 Acq On : 06 Jan 2021 15:43
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005403

Quant Time: Jan 06 16:22:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 15:22:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	302324	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	287062	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	133154	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	10041	3.92	ug/L	0.00
7) Chloroethane-d5	1.691	69	7900	3.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	18246	3.88	ug/L	0.00
21) 2-Butanone-d5	4.532	46	11300	7.31	ug/L	0.00
24) Chloroform-d	5.129	84	15007	3.43	ug/L	-0.01
26) 1,2-Dichloroethane-d4	6.025	65	11339	3.97	ug/L	0.00
32) Benzene-d6	6.043	84	34088	3.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.366	67	10769	3.88	ug/L	0.00
41) Toluene-d8	8.695	98	29425	3.56	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	4983	3.58	ug/L	0.00
47) 2-Hexanone-d5	9.427	63	7395	5.82	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	14236	3.71	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	11356	4.18	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	9905	3.50	ug/L	99
3) Chloromethane	1.313	50	10209	4.01	ug/L	99
5) Vinyl chloride	1.392	62	10306	3.77	ug/L	99
6) Bromomethane	1.630	94	7291	5.85	ug/L	99
8) Chloroethane	1.709	64	6452	3.99	ug/L	97
9) Trichlorofluoromethane	1.916	101	12228	3.56	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	7497	3.51	ug/L	96
12) 1,1-Dichloroethene	2.355	96	7741	3.69	ug/L	94
13) Acetone	2.416	43	10688	9.22	ug/L	96
14) Carbon disulfide	2.550	76	29362	4.40	ug/L	98
15) Methyl Acetate	2.745	43	8771	3.78	ug/L	100
16) Methylene chloride	2.831	84	9838	4.02	ug/L	98
17) trans-1,2-Dichloroethene	3.142	96	9134	4.08	ug/L	97
18) Methyl tert-butyl Ether	3.166	73	24062	3.51	ug/L	99
19) 1,1-Dichloroethane	3.666	63	15282	3.77	ug/L	96
20) cis-1,2-Dichloroethene	4.562	96	9348	3.79	ug/L	99
22) 2-Butanone	4.635	43	12950	7.46	ug/L	99
23) Bromochloromethane	4.977	128	4845	3.84	ug/L #	81
25) Chloroform	5.172	83	18353	4.13	ug/L	100
27) 1,2-Dichloroethane	6.159	62	12506	3.85	ug/L	95
29) Cyclohexane	5.537	56	10685	3.09	ug/L	100
30) 1,1,1-Trichloroethane	5.458	97	12732	3.61	ug/L	100
31) Carbon tetrachloride	5.751	117	10549	3.51	ug/L	99
33) Benzene	6.111	78	33680	3.71	ug/L	100
34) Trichloroethene	7.184	95	8855	3.84	ug/L	95
35) Methylcyclohexane	7.440	83	10547	2.98	ug/L	99
37) 1,2-Dichloropropane	7.482	63	8987	3.93	ug/L	97
38) Bromodichloromethane	7.872	83	10721	3.58	ug/L	96
39) cis-1,3-Dichloropropene	8.409	75	12026	3.36	ug/L	97
40) 4-Methyl-2-pentanone	8.616	43	19278	6.17	ug/L	97
42) Toluene	8.763	91	32319	3.31	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	11414	3.25	ug/L	99

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45) 1,1,2-Trichloroethane	9.195	97	8855	3.86	ug/L	94
46) Tetrachloroethene	9.317	164	6724	3.70	ug/L	92
48) 2-Hexanone	9.470	43	14824	5.95	ug/L	98
49) Dibromochloromethane	9.561	129	7981	3.31	ug/L	96
50) 1,2-Dibromoethane	9.653	107	8754	3.66	ug/L	97
51) Chlorobenzene	10.122	112	22489	3.70	ug/L	98
52) Ethylbenzene	10.232	91	33291	3.17	ug/L	99
53) m,p-Xylene	10.342	106	12183	3.10	ug/L	94
54) o-Xylene	10.683	106	11657	3.07	ug/L	91
55) Styrene	10.695	104	18668	2.84	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.250	83	12889	3.55	ug/L	98
59) Bromoform	10.841	173	5405	3.34	ug/L	96
60) Isopropylbenzene	11.000	105	28696	3.15	ug/L	98
61) 1,2,3-Trichloropropane	11.280	75	11084	4.04	ug/L	96
62) 1,3,5-Trimethylbenzene	11.488	105	21959	2.88	ug/L	99
63) 1,2,4-Trimethylbenzene	11.786	105	21818	2.84	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	15265	3.62	ug/L	98
65) 1,4-Dichlorobenzene	12.079	146	16389	3.88	ug/L	96
67) 1,2-Dichlorobenzene	12.372	146	15645	3.74	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.981	75	2620	3.68	ug/L	99
69) 1,3,5-Trichlorobenzene	13.152	180	10369	3.52	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	8644	3.41	ug/L	99
71) Naphthalene	13.816	128	23461	2.75	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	8661	3.29	ug/L	98

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

