

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034139.D
 Acq On : 13 Feb 2023 12:08
 Operator : JC/MD
 Sample : VSTD20023
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200623

Quant Time: Feb 13 12:45:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:44:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	137710	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	101457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70672	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122276	146.956	ug/L	0.00
7) Chloroethane-d5	1.654	69	79871	152.217	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.307	63	312622	191.803	ug/L	0.00
21) 2-Butanone-d5	4.446	46	193482	385.394	ug/L	0.00
24) Chloroform-d	5.056	84	344885	208.386	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	242197	237.798	ug/L	0.00
32) Benzene-d6	5.977	84	719877	246.807	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	221328	257.882	ug/L	0.00
41) Toluene-d8	8.647	98	504654	182.387	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	94225	236.928	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	147782	455.798	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	287380	264.549	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	310240	218.916	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	304633	269.784	ug/L	100
3) Chloromethane	1.294	50	128554	147.382	ug/L	98
5) Vinyl chloride	1.374	62	136717	154.917	ug/L	99
6) Bromomethane	1.599	94	92666	190.449	ug/L	98
8) Chloroethane	1.679	64	68110	143.737	ug/L	97
9) Trichlorofluoromethane	1.886	101	280408	207.892	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	170898	186.951	ug/L	96
12) 1,1-Dichloroethene	2.319	96	148655	179.531	ug/L	89
13) Acetone	2.374	43	130228	256.651	ug/L	94
14) Carbon disulfide	2.514	76	412579	184.766	ug/L	100
15) Methyl Acetate	2.697	43	136057	165.773	ug/L	97
16) Methylene chloride	2.788	84	147317	168.957	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	129793	152.334	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	438815	173.251	ug/L	95
19) 1,1-Dichloroethane	3.605	63	277328	185.557	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	182196	186.986	ug/L	97
22) 2-Butanone	4.550	43	205411	326.070	ug/L	98
23) Bromochloromethane	4.891	128	106386	194.880	ug/L	94
25) Chloroform	5.093	83	323805	201.158	ug/L	98
27) 1,2-Dichloroethane	6.086	62	289763	230.051	ug/L	96
29) Cyclohexane	5.477	56	240533	192.266	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	305335	253.638	ug/L	97
31) Carbon tetrachloride	5.678	117	299618	266.686	ug/L	100
33) Benzene	6.038	78	727122	237.051	ug/L	100
34) Trichloroethene	7.123	95	218322	260.054	ug/L	99
35) Methylcyclohexane	7.379	83	344896	259.425	ug/L	98
37) 1,2-Dichloropropane	7.428	63	188546	243.665	ug/L	99
38) Bromodichloromethane	7.818	83	278273	275.555	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	336825	280.865	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	419128	440.977	ug/L	97
42) Toluene	8.720	91	540432	164.634	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	256585	236.742	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	159678	201.304	ug/L	98
46) Tetrachloroethene	9.275	164	172657	213.512	ug/L	98
48) 2-Hexanone	9.427	43	278757	370.085	ug/L	98
49) Dibromochloromethane	9.519	129	204270	235.533	ug/L	98
50) 1,2-Dibromoethane	9.610	107	187174	218.981	ug/L #	100
51) Chlorobenzene	10.079	112	454833	205.220	ug/L	99
52) Ethylbenzene	10.195	91	766669	211.457	ug/L	96
53) m,p-Xylene	10.299	106	329429	227.790	ug/L	94
54) o-Xylene	10.640	106	352778	252.608	ug/L	92
55) Styrene	10.653	104	602542	256.430	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	286085	257.257	ug/L	99
59) Bromoform	10.799	173	213161	240.830	ug/L	99
60) Isopropylbenzene	10.963	105	969746	208.290	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	219470	203.750	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	823426	215.199	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	799027	213.318	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	493084	212.382	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	499317	212.659	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	475363	209.586	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	68010	248.706	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	389352	221.305	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	363296	227.314	ug/L	99
71) Naphthalene	13.774	128	983768	223.932	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	350913	222.217	ug/L	99

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

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