

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033991.D
 Acq On : 02 Feb 2023 15:01
 Operator : JC/MD
 Sample : VSTD20017
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200617

Quant Time: Feb 03 04:12:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:09:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	231417	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195638	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	107826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	290858	188.720	ug/L	0.00
7) Chloroethane-d5	1.660	69	174685	186.698	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.306	63	565361	200.196	ug/L	0.00
21) 2-Butanone-d5	4.446	46	368084	416.558	ug/L	0.00
24) Chloroform-d	5.050	84	558495	202.017	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	332495	199.331	ug/L	0.00
32) Benzene-d6	5.970	84	1139429	203.177	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	340899	205.612	ug/L	0.00
41) Toluene-d8	8.647	98	1052431	197.829	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	173231	230.238	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	270379	434.872	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	411953	198.151	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	426151	197.455	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	350878	203.801	ug/L	100
3) Chloromethane	1.294	50	290099	184.601	ug/L	98
5) Vinyl chloride	1.374	62	315399	198.480	ug/L	100
6) Bromomethane	1.611	94	141772	172.048	ug/L	100
8) Chloroethane	1.678	64	166029	196.542	ug/L	99
9) Trichlorofluoromethane	1.886	101	461414	204.863	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	325680	209.097	ug/L	99
12) 1,1-Dichloroethene	2.319	96	290027	203.554	ug/L	98
13) Acetone	2.373	43	353486	388.837	ug/L	99
14) Carbon disulfide	2.514	76	831159	215.527	ug/L	100
15) Methyl Acetate	2.697	43	299436	206.749	ug/L	99
16) Methylene chloride	2.788	84	301289	199.685	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	303942	206.647	ug/L	97
18) Methyl tert-butyl Ether	3.105	73	912449	213.066	ug/L	100
19) 1,1-Dichloroethane	3.605	63	532372	207.394	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	346730	206.280	ug/L	97
22) 2-Butanone	4.544	43	459492	411.541	ug/L	99
23) Bromochloromethane	4.891	128	189086	204.921	ug/L	99
25) Chloroform	5.086	83	548176	206.798	ug/L	98
27) 1,2-Dichloroethane	6.080	62	413802	203.394	ug/L	98
29) Cyclohexane	5.464	56	518589	216.727	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	491916	222.461	ug/L	98
31) Carbon tetrachloride	5.672	117	463914	225.502	ug/L	99
33) Benzene	6.031	78	1206370	207.368	ug/L	100
34) Trichloroethene	7.123	95	337644	214.152	ug/L	99
35) Methylcyclohexane	7.379	83	559902	222.707	ug/L	99
37) 1,2-Dichloropropane	7.427	63	309058	208.581	ug/L	100
38) Bromodichloromethane	7.818	83	414152	219.818	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	527405	231.902	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	767247	420.774	ug/L	99
42) Toluene	8.714	91	1287173	206.838	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	477027	235.714	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	309004	206.017	ug/L	98
46) Tetrachloroethene	9.268	164	323900	213.970	ug/L	96
48) 2-Hexanone	9.427	43	591737	407.216	ug/L	99
49) Dibromochloromethane	9.518	129	358996	221.830	ug/L	100
50) 1,2-Dibromoethane	9.610	107	342734	212.637	ug/L #	99
51) Chlorobenzene	10.079	112	861674	204.951	ug/L	99
52) Ethylbenzene	10.189	91	1420504	207.706	ug/L	98
53) m,p-Xylene	10.299	106	571329	208.117	ug/L	100
54) o-Xylene	10.640	106	539343	203.359	ug/L	96
55) Styrene	10.652	104	926233	208.172	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	421387	199.844	ug/L	100
59) Bromoform	10.799	173	294214	224.207	ug/L	99
60) Isopropylbenzene	10.963	105	1447320	205.458	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	319815	195.374	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1216140	210.918	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1195342	210.325	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	721776	206.058	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	725420	204.630	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	690120	201.488	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	91632	228.481	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	576018	218.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	546611	227.940	ug/L	99
71) Naphthalene	13.774	128	1463841	220.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	521660	220.361	ug/L	99

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

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