

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034989.D
 Acq On : 10 Apr 2023 11:35
 Operator : JC/MD
 Sample : VSTD20030
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200630

Quant Time: Apr 11 05:17:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:14:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	508641	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	455062	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	235854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	669924	197.743	ug/L	0.00
7) Chloroethane-d5	1.666	69	453354	182.700	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	1366837	199.031	ug/L	0.00
21) 2-Butanone-d5	4.458	46	938700	416.890	ug/L	0.00
24) Chloroform-d	5.056	84	1302789	201.793	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	857622	193.515	ug/L	0.00
32) Benzene-d6	5.976	84	2493931	196.321	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	785996	201.131	ug/L	0.00
41) Toluene-d8	8.647	98	2286699	196.273	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	410956	228.999	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	683499	437.600	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	989794	203.811	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	858410	198.345	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	858577	194.361	ug/L	99
3) Chloromethane	1.294	50	801048	192.924	ug/L	100
5) Vinyl chloride	1.374	62	811163	192.754	ug/L	97
6) Bromomethane	1.617	94	442049	185.892	ug/L	97
8) Chloroethane	1.691	64	424989	179.460	ug/L	98
9) Trichlorofluoromethane	1.886	101	1132688	193.458	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	702853	193.451	ug/L	99
12) 1,1-Dichloroethene	2.319	96	645567	199.576	ug/L	87
13) Acetone	2.386	43	802122	360.316	ug/L	100
14) Carbon disulfide	2.514	76	1781384	204.915	ug/L	100
15) Methyl Acetate	2.703	43	754696	197.505	ug/L	100
16) Methylene chloride	2.788	84	689155	194.251	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	660377	198.589	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	2313526	199.035	ug/L	99
19) 1,1-Dichloroethane	3.611	63	1307802	197.494	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	760834	199.997	ug/L	97
22) 2-Butanone	4.556	43	1120245	393.901	ug/L	97
23) Bromochloromethane	4.903	128	374755	199.147	ug/L	96
25) Chloroform	5.092	83	1335865	196.701	ug/L	99
27) 1,2-Dichloroethane	6.086	62	1128934	196.285	ug/L	99
29) Cyclohexane	5.470	56	1234747	197.324	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	1209780	201.044	ug/L	99
31) Carbon tetrachloride	5.678	117	1071353	206.548	ug/L	100
33) Benzene	6.037	78	2790334	192.272	ug/L	100
34) Trichloroethene	7.123	95	767707	196.209	ug/L	99
35) Methylcyclohexane	7.379	83	1120647	198.669	ug/L	99
37) 1,2-Dichloropropane	7.427	63	750062	195.051	ug/L	100
38) Bromodichloromethane	7.818	83	1010833	207.759	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	1264545	215.168	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	2060054	403.160	ug/L	99
42) Toluene	8.720	91	2927437	194.768	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	1206179	222.930	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	705601	196.770	ug/L	99
46) Tetrachloroethene	9.275	164	575784	197.532	ug/L	98
48) 2-Hexanone	9.433	43	1592843	397.688	ug/L	99
49) Dibromochloromethane	9.525	129	763790	216.546	ug/L	98
50) 1,2-Dibromoethane	9.610	107	764999	203.289	ug/L	100
51) Chlorobenzene	10.079	112	1912494	197.413	ug/L	99
52) Ethylbenzene	10.195	91	3301255	193.540	ug/L	96
53) m,p-Xylene	10.299	106	1301159	202.459	ug/L	95
54) o-Xylene	10.640	106	1275024	201.354	ug/L	96
55) Styrene	10.659	104	2165281	203.952	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	1058572	198.807	ug/L	100
59) Bromoform	10.799	173	558858	222.247	ug/L	99
60) Isopropylbenzene	10.963	105	3242876	188.277	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	845563	186.973	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	2768202	193.839	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	2754817	195.364	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	1499260	195.401	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	1511509	194.836	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	1449381	191.747	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	246894	213.302	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	955618	199.108	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	893348	200.105	ug/L	98
71) Naphthalene	13.774	128	3043003	199.467	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	875416	195.279	ug/L	100

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

