

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038620.D
 Acq On : 27 Oct 2023 23:09
 Operator : JC/MD
 Sample : VSTD10053
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100653

Quant Time: Oct 28 02:24:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	419532	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	413017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	241103	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	294740	98.066	ug/L	0.00
7) Chloroethane-d5	1.660	69	232558	75.411	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	130995	101.264	ug/L	0.00
21) 2-Butanone-d5	4.446	46	475203	227.368	ug/L	0.00
24) Chloroform-d	5.056	84	607704	110.341	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	368870	99.999	ug/L	0.00
32) Benzene-d6	5.977	84	1168322	100.484	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	344460	95.005	ug/L	0.00
41) Toluene-d8	8.647	98	1160259	103.195	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	178373	102.730	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	422693	252.052	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	572796	116.150	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	499773	108.310	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	353901	113.234	ug/L	100
3) Chloromethane	1.295	50	274167	83.952	ug/L	100
5) Vinyl chloride	1.374	62	302375	86.768	ug/L	100
6) Bromomethane	1.599	94	222777	71.933	ug/L	99
8) Chloroethane	1.685	64	182578	76.216	ug/L	98
9) Trichlorofluoromethane	1.886	101	495279	88.266	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	298358	106.230	ug/L	99
12) 1,1-Dichloroethene	2.319	96	280496	105.494	ug/L	89
13) Acetone	2.380	43	307965	201.222	ug/L	99
14) Carbon disulfide	2.514	76	769716	106.931	ug/L	99
15) Methyl Acetate	2.703	43	320266	104.470	ug/L	100
16) Methylene chloride	2.788	84	300753	104.750	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	291145	109.112	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	899459	100.880	ug/L	100
19) 1,1-Dichloroethane	3.611	63	486539	96.512	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	336262	108.602	ug/L	98
22) 2-Butanone	4.550	43	473345	210.817	ug/L	96
23) Bromochloromethane	4.898	128	179114	115.281	ug/L	99
25) Chloroform	5.093	83	559238	104.088	ug/L	99
27) 1,2-Dichloroethane	6.086	62	433066	102.726	ug/L	98
29) Cyclohexane	5.471	56	435003	94.318	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	503680	104.619	ug/L	99
31) Carbon tetrachloride	5.678	117	457578	111.092	ug/L	99
33) Benzene	6.038	78	1161957	98.322	ug/L	100
34) Trichloroethene	7.123	95	341529	103.779	ug/L	96
35) Methylcyclohexane	7.379	83	499510	100.745	ug/L	99
37) 1,2-Dichloropropane	7.428	63	291665	91.636	ug/L	100
38) Bromodichloromethane	7.818	83	421193	103.985	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	488080	97.336	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	899655	201.968	ug/L	99
42) Toluene	8.720	91	1319439	103.382	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	468967	101.239	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	331042	106.541	ug/L	96
46) Tetrachloroethene	9.275	164	283889	116.359	ug/L	98
48) 2-Hexanone	9.427	43	728564	208.904	ug/L	100
49) Dibromochloromethane	9.519	129	365210	116.041	ug/L	100
50) 1,2-Dibromoethane	9.610	107	376962	111.877	ug/L	99
51) Chlorobenzene	10.080	112	896564	107.413	ug/L	99
52) Ethylbenzene	10.195	91	1503479	106.168	ug/L	99
53) m,p-Xylene	10.299	106	595187	109.437	ug/L	100
54) o-Xylene	10.640	106	580721	108.734	ug/L	99
55) Styrene	10.653	104	1002987	112.115	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	553972	113.071	ug/L	100
59) Bromoform	10.799	173	303962	115.964	ug/L	100
60) Isopropylbenzene	10.964	105	1551430	96.787	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	423766	97.088	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1337520	100.104	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1322386	99.524	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	773669	106.795	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	784802	107.015	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	758283	105.998	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	137097	113.042	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	564700	114.639	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	521541	112.234	ug/L	100
71) Naphthalene	13.774	128	1603217	104.941	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	506313	111.753	ug/L	99

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

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