

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039074.D
 Acq On : 05 Dec 2023 11:01
 Operator : JC/MD
 Sample : VSTD05058
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050658

Quant Time: Dec 06 02:10:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	267376	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	124585	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102986	49.108	ug/L	0.00
7) Chloroethane-d5	1.666	69	76935	49.632	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	45669	49.609	ug/L	0.00
21) 2-Butanone-d5	4.446	46	190905	100.564	ug/L	0.00
24) Chloroform-d	5.056	84	185372	49.933	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	115472	48.027	ug/L	0.00
32) Benzene-d6	5.970	84	382661	49.598	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	121419	48.902	ug/L	0.00
41) Toluene-d8	8.647	98	343685	49.155	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	61962	49.039	ug/L	0.00
47) 2-Hexanone-d5	9.378	63	149622	100.893	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	175483	49.821	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	117478	49.887	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	110030	51.602	ug/L	100
3) Chloromethane	1.294	50	114396	51.329	ug/L	100
5) Vinyl chloride	1.374	62	113963	51.883	ug/L	100
6) Bromomethane	1.605	94	67009	56.518	ug/L	100
8) Chloroethane	1.691	64	63858	51.424	ug/L	100
9) Trichlorofluoromethane	1.892	101	149175	52.402	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	96898	52.915	ug/L	100
12) 1,1-Dichloroethene	2.319	96	90026	52.266	ug/L	100
13) Acetone	2.373	43	189033	103.655	ug/L	100
14) Carbon disulfide	2.514	76	285198	52.033	ug/L	100
15) Methyl Acetate	2.697	43	137664	52.812	ug/L	100
16) Methylene chloride	2.788	84	102392	51.739	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	95206	52.459	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	325489	51.524	ug/L	100
19) 1,1-Dichloroethane	3.611	63	186969	52.102	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	109998	52.255	ug/L	100
22) 2-Butanone	4.550	43	235923	105.411	ug/L	100
23) Bromochloromethane	4.897	128	51328	51.871	ug/L	100
25) Chloroform	5.093	83	185569	51.846	ug/L	100
27) 1,2-Dichloroethane	6.086	62	146366	51.811	ug/L	100
29) Cyclohexane	5.470	56	181972	52.035	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	159158	52.472	ug/L	100
31) Carbon tetrachloride	5.678	117	134165	53.016	ug/L	100
33) Benzene	6.037	78	415174	52.259	ug/L	100
34) Trichloroethene	7.123	95	109949	52.368	ug/L	100
35) Methylcyclohexane	7.379	83	183092	52.361	ug/L	100
37) 1,2-Dichloropropane	7.427	63	115938	52.620	ug/L	100
38) Bromodichloromethane	7.818	83	140760	52.525	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	184352	52.460	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	388832	105.296	ug/L	100
42) Toluene	8.714	91	439756	52.199	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	171183	52.493	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	105269	52.135	ug/L	100
46) Tetrachloroethene	9.275	164	72167	52.106	ug/L	100
48) 2-Hexanone	9.427	43	328969	106.440	ug/L	100
49) Dibromochloromethane	9.519	129	104135	52.938	ug/L	100
50) 1,2-Dibromoethane	9.610	107	113020	52.246	ug/L	100
51) Chlorobenzene	10.079	112	271025	52.082	ug/L	100
52) Ethylbenzene	10.189	91	493149	52.361	ug/L	100
53) m,p-Xylene	10.299	106	184605	52.424	ug/L	100
54) o-Xylene	10.640	106	178304	52.769	ug/L	100
55) Styrene	10.652	104	306323	52.983	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	182786	51.871	ug/L	100
59) Bromoform	10.799	173	76462	52.221	ug/L	100
60) Isopropylbenzene	10.963	105	482995	53.056	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	142924	52.369	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	405235	52.726	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	396177	52.570	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	205444	52.725	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	203502	51.540	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	194192	52.100	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	44850	52.656	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	136638	53.025	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	126960	52.263	ug/L	100
71) Naphthalene	13.774	128	440306	52.850	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	123641	52.565	ug/L	100

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

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