

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036021.D
 Acq On : 06 Jun 2023 10:12
 Operator : JC/MD
 Sample : VSTD05040
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050640

Quant Time: Jun 07 05:17:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	308021	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285827	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	147361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	104936	52.624	ug/L	0.00
7) Chloroethane-d5	1.672	69	82808	56.507	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	54489	55.948	ug/L	0.00
21) 2-Butanone-d5	4.471	46	176249	126.550	ug/L	0.00
24) Chloroform-d	5.056	84	224508	58.263	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	165059	64.219	ug/L	0.00
32) Benzene-d6	5.970	84	432793	52.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	134284	53.280	ug/L	0.00
41) Toluene-d8	8.647	98	397493	52.788	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	65992	58.539	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	123860	119.464	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	186025	58.778	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	141408	50.009	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	145386	60.345	ug/L	100
3) Chloromethane	1.294	50	134499	61.186	ug/L	100
5) Vinyl chloride	1.374	62	124392	55.999	ug/L	100
6) Bromomethane	1.618	94	73004	55.558	ug/L	100
8) Chloroethane	1.691	64	75653	60.045	ug/L	100
9) Trichlorofluoromethane	1.892	101	178722	58.583	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	117323	56.832	ug/L	100
12) 1,1-Dichloroethene	2.319	96	100934	54.330	ug/L	100
13) Acetone	2.404	43	172443	153.564	ug/L	100
14) Carbon disulfide	2.514	76	275935	58.666	ug/L	100
15) Methyl Acetate	2.709	43	137209	62.131	ug/L	100
16) Methylene chloride	2.788	84	116708	55.713	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	106867	55.309	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	388982	57.751	ug/L	100
19) 1,1-Dichloroethane	3.605	63	217512	57.756	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	122524	54.621	ug/L	100
22) 2-Butanone	4.574	43	212269	131.848	ug/L	100
23) Bromochloromethane	4.897	128	59821	54.059	ug/L	100
25) Chloroform	5.086	83	240143	61.771	ug/L	100
27) 1,2-Dichloroethane	6.086	62	205644	64.912	ug/L	100
29) Cyclohexane	5.464	56	192252	54.820	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	194017	56.702	ug/L	100
31) Carbon tetrachloride	5.678	117	162027	56.010	ug/L	100
33) Benzene	6.037	78	464066	53.317	ug/L	100
34) Trichloroethene	7.123	95	124954	53.702	ug/L	100
35) Methylcyclohexane	7.379	83	184878	57.927	ug/L	100
37) 1,2-Dichloropropane	7.427	63	123788	53.892	ug/L	100
38) Bromodichloromethane	7.818	83	162945	58.760	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	197182	57.060	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	375715	120.611	ug/L	100
42) Toluene	8.714	91	491445	54.268	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	188412	59.741	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	120782	55.060	ug/L	100
46) Tetrachloroethene	9.269	164	85951	50.668	ug/L	100
48) 2-Hexanone	9.427	43	299286	126.010	ug/L	100
49) Dibromochloromethane	9.519	129	116946	56.194	ug/L	100
50) 1,2-Dibromoethane	9.610	107	128080	56.054	ug/L	100
51) Chlorobenzene	10.079	112	314437	52.863	ug/L	100
52) Ethylbenzene	10.189	91	563463	55.845	ug/L	100
53) m,p-Xylene	10.299	106	211091	54.980	ug/L	100
54) o-Xylene	10.640	106	207904	55.008	ug/L	100
55) Styrene	10.653	104	357764	55.864	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	189547	57.980	ug/L	100
59) Bromoform	10.799	173	75953	50.822	ug/L	100
60) Isopropylbenzene	10.963	105	548009	54.307	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	153291	55.550	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	465520	55.995	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	428348	52.830	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	235605	51.756	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	239911	51.501	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	233326	50.692	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	40545	59.226	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	146278	51.984	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	133126	50.808	ug/L	100
71) Naphthalene	13.774	128	446373	48.807	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	131198	50.935	ug/L	100

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

