

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035117.D
 Acq On : 18 Apr 2023 12:50
 Operator : JC/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050634

Quant Time: Apr 19 00:31:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	503184	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	441564	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	212793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	168169	51.832	ug/L	0.00
7) Chloroethane-d5	1.672	69	122905	52.423	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	79377	14.721	ug/L	0.00
21) 2-Butanone-d5	4.465	46	231417	106.821	ug/L	0.00
24) Chloroform-d	5.056	84	320582	52.467	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	200885	51.198	ug/L	0.00
32) Benzene-d6	5.970	84	656583	51.763	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	202714	52.318	ug/L	0.00
41) Toluene-d8	8.647	98	604036	52.105	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	89881	53.081	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	168466	108.272	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	251351	52.970	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	214314	51.972	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	196366	52.070	ug/L	100
3) Chloromethane	1.294	50	179965	52.438	ug/L	100
5) Vinyl chloride	1.374	62	186397	52.336	ug/L	100
6) Bromomethane	1.618	94	111436	52.681	ug/L	100
8) Chloroethane	1.691	64	105607	53.167	ug/L	100
9) Trichlorofluoromethane	1.886	101	251744	52.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	172281	52.288	ug/L	100
12) 1,1-Dichloroethene	2.319	96	157708	52.461	ug/L	100
13) Acetone	2.398	43	166297	103.701	ug/L	100
14) Carbon disulfide	2.514	76	386703	52.065	ug/L	100
15) Methyl Acetate	2.709	43	181073	52.711	ug/L	100
16) Methylene chloride	2.788	84	171953	51.371	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	159362	51.481	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	561031	52.406	ug/L	100
19) 1,1-Dichloroethane	3.611	63	309094	51.798	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	188855	52.181	ug/L	100
22) 2-Butanone	4.562	43	262482	106.637	ug/L	100
23) Bromochloromethane	4.897	128	93929	52.400	ug/L	100
25) Chloroform	5.093	83	317122	52.416	ug/L	100
27) 1,2-Dichloroethane	6.086	62	253570	52.327	ug/L	100
29) Cyclohexane	5.471	56	276392	51.804	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	272923	52.700	ug/L	100
31) Carbon tetrachloride	5.678	117	230916	52.583	ug/L	100
33) Benzene	6.038	78	698374	52.226	ug/L	100
34) Trichloroethene	7.123	95	183675	51.635	ug/L	100
35) Methylcyclohexane	7.379	83	250596	52.311	ug/L	100
37) 1,2-Dichloropropane	7.428	63	184273	52.341	ug/L	100
38) Bromodichloromethane	7.824	83	220665	53.047	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	286024	54.334	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	494730	106.602	ug/L	100
42) Toluene	8.720	91	730152	52.628	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	258836	54.569	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	174569	52.253	ug/L	100
46) Tetrachloroethene	9.275	164	140046	52.853	ug/L	100
48) 2-Hexanone	9.427	43	389587	110.563	ug/L	100
49) Dibromochloromethane	9.519	129	170642	53.747	ug/L	100
50) 1,2-Dibromoethane	9.610	107	184439	53.057	ug/L	100
51) Chlorobenzene	10.079	112	473539	51.808	ug/L	100
52) Ethylbenzene	10.195	91	807763	52.669	ug/L	100
53) m,p-Xylene	10.299	106	311468	53.036	ug/L	100
54) o-Xylene	10.640	106	304960	52.817	ug/L	100
55) Styrene	10.653	104	524935	53.660	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	261109	53.033	ug/L	100
59) Bromoform	10.799	173	117776	53.767	ug/L	100
60) Isopropylbenzene	10.963	105	765760	52.923	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	207330	52.773	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	629191	53.173	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	632986	53.798	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	346607	52.523	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	352900	52.261	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	348104	52.024	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	53759	55.455	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	215316	52.778	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	201353	52.709	ug/L	100
71) Naphthalene	13.774	128	744731	54.730	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	202377	53.664	ug/L	100

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

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