

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036507.D
 Acq On : 12 Jul 2023 10:54
 Operator : JC/MD
 Sample : VSTD10047
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100647

Quant Time: Jul 13 01:04:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	309147	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	242924	110.162	ug/L	0.00
7) Chloroethane-d5	1.666	69	266607	110.040	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	102686	109.136	ug/L	0.00
21) 2-Butanone-d5	4.459	46	326040	211.704	ug/L	0.00
24) Chloroform-d	5.056	84	419660	104.797	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	274062	100.202	ug/L	0.00
32) Benzene-d6	5.977	84	840246	104.980	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	267487	105.429	ug/L	0.00
41) Toluene-d8	8.647	98	792782	103.758	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	130931	108.392	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	241602	216.508	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	349234	104.626	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	281567	105.917	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	253517	117.570	ug/L	100
3) Chloromethane	1.295	50	273706	107.364	ug/L	98
5) Vinyl chloride	1.374	62	299425	113.233	ug/L	99
6) Bromomethane	1.612	94	284034	113.679	ug/L	99
8) Chloroethane	1.685	64	210047	108.484	ug/L	99
9) Trichlorofluoromethane	1.886	101	487570	116.522	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	234712	118.431	ug/L	99
12) 1,1-Dichloroethene	2.319	96	219346	113.182	ug/L	94
13) Acetone	2.386	43	229446	196.444	ug/L	100
14) Carbon disulfide	2.514	76	597274	114.911	ug/L	98
15) Methyl Acetate	2.703	43	242936	104.617	ug/L	100
16) Methylene chloride	2.788	84	226410	105.879	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	214678	109.979	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	720606	106.182	ug/L	100
19) 1,1-Dichloroethane	3.611	63	405825	106.258	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	247013	108.273	ug/L	98
22) 2-Butanone	4.556	43	359685	211.754	ug/L	98
23) Bromochloromethane	4.904	128	122777	107.666	ug/L	98
25) Chloroform	5.093	83	432530	107.839	ug/L	98
27) 1,2-Dichloroethane	6.086	62	337601	106.409	ug/L	99
29) Cyclohexane	5.471	56	367029	117.409	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	366101	111.426	ug/L	99
31) Carbon tetrachloride	5.678	117	319700	116.106	ug/L	99
33) Benzene	6.038	78	881131	106.738	ug/L	100
34) Trichloroethene	7.123	95	246614	109.530	ug/L	99
35) Methylcyclohexane	7.385	83	392096	119.570	ug/L	99
37) 1,2-Dichloropropane	7.434	63	243074	107.099	ug/L	100
38) Bromodichloromethane	7.824	83	311217	109.966	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	397318	111.102	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	683161	215.958	ug/L	100
42) Toluene	8.720	91	946233	107.740	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	370504	112.512	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	230264	106.747	ug/L	98
46) Tetrachloroethene	9.275	164	179698	112.326	ug/L	97
48) 2-Hexanone	9.433	43	522931	211.530	ug/L	99
49) Dibromochloromethane	9.525	129	243031	112.226	ug/L	96
50) 1,2-Dibromoethane	9.610	107	249336	107.834	ug/L	96
51) Chlorobenzene	10.080	112	613520	107.443	ug/L	99
52) Ethylbenzene	10.195	91	1055387	109.194	ug/L	99
53) m,p-Xylene	10.299	106	404872	109.784	ug/L	98
54) o-Xylene	10.640	106	398855	109.052	ug/L	97
55) Styrene	10.653	104	670319	109.936	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	357063	106.561	ug/L	98
59) Bromoform	10.799	173	173073	113.152	ug/L	98
60) Isopropylbenzene	10.964	105	1043944	110.974	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	280054	106.009	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	873719	111.128	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	879392	111.509	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	462879	109.985	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	459601	108.166	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	453249	108.547	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	80170	113.883	ug/L	84
69) 1,3,5-Trichlorobenzene	13.110	180	317995	113.873	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	301391	114.401	ug/L	100
71) Naphthalene	13.774	128	1010869	112.459	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	293814	114.464	ug/L	97

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

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