

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033989.D
 Acq On : 02 Feb 2023 10:56
 Operator : JC/MD
 Sample : VSTD05015
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050615

Quant Time: Feb 03 04:11:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:09:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	256805	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	225514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122519	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	89082	52.086	ug/L	0.00
7) Chloroethane-d5	1.672	69	54828	52.805	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	157875	50.377	ug/L	0.00
21) 2-Butanone-d5	4.452	46	99291	101.258	ug/L	0.00
24) Chloroform-d	5.056	84	154585	50.388	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	91714	49.547	ug/L	0.00
32) Benzene-d6	5.970	84	324389	50.180	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	95509	49.974	ug/L	0.00
41) Toluene-d8	8.646	98	307854	50.202	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	43587	50.256	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	74415	103.831	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	120119	50.123	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	123361	50.304	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	92150	48.232	ug/L	100
3) Chloromethane	1.294	50	89024	51.049	ug/L	100
5) Vinyl chloride	1.373	62	88161	49.995	ug/L	100
6) Bromomethane	1.617	94	45574	49.839	ug/L	100
8) Chloroethane	1.690	64	48377	51.606	ug/L	100
9) Trichlorofluoromethane	1.892	101	123661	49.476	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	83502	48.311	ug/L	100
12) 1,1-Dichloroethene	2.324	96	77894	49.265	ug/L	100
13) Acetone	2.379	43	93250	92.435	ug/L	100
14) Carbon disulfide	2.513	76	212351	49.621	ug/L	100
15) Methyl Acetate	2.702	43	79218	49.290	ug/L	100
16) Methylene chloride	2.788	84	82398	49.212	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	80080	49.063	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	229946	48.386	ug/L	100
19) 1,1-Dichloroethane	3.611	63	139771	49.067	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	91575	49.095	ug/L	100
22) 2-Butanone	4.556	43	122333	98.735	ug/L	100
23) Bromochloromethane	4.897	128	49997	48.827	ug/L	100
25) Chloroform	5.092	83	146083	49.661	ug/L	100
27) 1,2-Dichloroethane	6.086	62	111358	49.324	ug/L	100
29) Cyclohexane	5.470	56	136919	49.640	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	123275	48.364	ug/L	100
31) Carbon tetrachloride	5.677	117	114553	48.306	ug/L	100
33) Benzene	6.037	78	327010	48.764	ug/L	100
34) Trichloroethene	7.122	95	87794	48.307	ug/L	100
35) Methylcyclohexane	7.378	83	144497	49.861	ug/L	100
37) 1,2-Dichloropropane	7.427	63	83755	49.037	ug/L	100
38) Bromodichloromethane	7.817	83	105390	48.527	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	132431	50.516	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	214946	102.264	ug/L	100
42) Toluene	8.720	91	356321	49.672	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	117532	50.382	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.152	97	86167	49.838	ug/L	100
46) Tetrachloroethene	9.274	164	85395	48.939	ug/L	100
48) 2-Hexanone	9.427	43	164696	98.324	ug/L	100
49) Dibromochloromethane	9.518	129	93140	49.928	ug/L	100
50) 1,2-Dibromoethane	9.610	107	91976	49.504	ug/L	100
51) Chlorobenzene	10.079	112	238998	49.315	ug/L	100
52) Ethylbenzene	10.195	91	394137	49.996	ug/L	100
53) m,p-Xylene	10.299	106	159158	50.295	ug/L	100
54) o-Xylene	10.640	106	153853	50.325	ug/L	100
55) Styrene	10.652	104	260401	50.772	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	120849	49.720	ug/L	100
59) Bromoform	10.798	173	74471	49.945	ug/L	100
60) Isopropylbenzene	10.963	105	407662	50.931	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	92227	49.585	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	336363	51.340	ug/L	100
63) 1,2,4-Trimethylbenzene	11.749	105	332377	51.469	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	197713	49.676	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	199926	49.633	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	193566	49.736	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.944	75	22884	50.217	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	150124	50.015	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	135903	49.876	ug/L	100
71) Naphthalene	13.774	128	393773	52.200	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	133627	49.678	ug/L	100

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

