

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033990.D
 Acq On : 02 Feb 2023 14:09
 Operator : JC/MD
 Sample : VSTD10016
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100616

Quant Time: Feb 03 04:12:21 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	6.757	114	245570	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	210600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116103	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	150459	91.997	ug/L	0.00
7) Chloroethane-d5	1.666	69	87297	87.923	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	286964	95.758	ug/L	0.00
21) 2-Butanone-d5	4.446	46	187097	199.533	ug/L	0.00
24) Chloroform-d	5.050	84	283775	96.730	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	169116	95.542	ug/L	0.00
32) Benzene-d6	5.970	84	586943	97.225	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	174925	98.010	ug/L	0.00
41) Toluene-d8	8.646	98	549058	95.876	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	86001	106.182	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	138070	206.292	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	212876	95.119	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	223580	96.210	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	176294	96.495	ug/L	100
3) Chloromethane	1.294	50	146747	87.999	ug/L	97
5) Vinyl chloride	1.373	62	156632	92.887	ug/L	99
6) Bromomethane	1.611	94	72829	83.288	ug/L	97
8) Chloroethane	1.684	64	83587	93.246	ug/L	99
9) Trichlorofluoromethane	1.886	101	231789	96.981	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	162357	98.231	ug/L	98
12) 1,1-Dichloroethene	2.318	96	144889	95.829	ug/L	93
13) Acetone	2.379	43	176712	183.181	ug/L	98
14) Carbon disulfide	2.513	76	411076	100.452	ug/L	100
15) Methyl Acetate	2.696	43	146546	95.353	ug/L	100
16) Methylene chloride	2.788	84	151432	94.580	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	151234	96.897	ug/L	99
18) Methyl tert-butyl Ether	3.105	73	445099	97.945	ug/L	100
19) 1,1-Dichloroethane	3.605	63	260963	95.803	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	171350	96.066	ug/L	100
22) 2-Butanone	4.550	43	226427	191.110	ug/L	98
23) Bromochloromethane	4.891	128	94211	96.216	ug/L	97
25) Chloroform	5.086	83	273641	97.281	ug/L	99
27) 1,2-Dichloroethane	6.080	62	207580	96.150	ug/L	99
29) Cyclohexane	5.464	56	258649	100.414	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	239509	100.619	ug/L	99
31) Carbon tetrachloride	5.671	117	226788	102.406	ug/L	100
33) Benzene	6.031	78	607169	96.954	ug/L	100
34) Trichloroethene	7.122	95	166390	98.036	ug/L	99
35) Methylcyclohexane	7.378	83	280206	103.537	ug/L	99
37) 1,2-Dichloropropane	7.427	63	155261	97.340	ug/L	100
38) Bromodichloromethane	7.817	83	201894	99.546	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	253586	103.581	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	384636	195.956	ug/L	99
42) Toluene	8.714	91	655146	97.797	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	230826	105.955	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.146	97	156486	96.919	ug/L	99
46) Tetrachloroethene	9.268	164	160997	98.800	ug/L	98
48) 2-Hexanone	9.427	43	308345	197.119	ug/L	98
49) Dibromochloromethane	9.518	129	175909	100.975	ug/L	99
50) 1,2-Dibromoethane	9.610	107	169211	97.523	ug/L #	98
51) Chlorobenzene	10.079	112	438811	96.957	ug/L	99
52) Ethylbenzene	10.195	91	727557	98.825	ug/L	99
53) m,p-Xylene	10.299	106	291337	98.585	ug/L	99
54) o-Xylene	10.640	106	275026	96.331	ug/L	96
55) Styrene	10.652	104	472366	98.622	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	215276	94.842	ug/L	99
59) Bromoform	10.799	173	144385	102.185	ug/L	99
60) Isopropylbenzene	10.963	105	747012	98.484	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	163113	92.542	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	621956	100.177	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	612969	100.165	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	366050	97.053	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	367743	96.339	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	352965	95.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	43064	99.723	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	287117	100.942	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	264052	102.262	ug/L	100
71) Naphthalene	13.774	128	724681	101.374	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	254839	99.975	ug/L	100

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

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