

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035809.D
 Acq On : 23 May 2023 12:41
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052323

Quant Time: May 24 05:41:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	105	0.00
2 M	Dichlorodifluoromethane	20.000	21.049	-5.2	171	0.00
3 M	Chloromethane	20.000	19.784	1.1	117	0.00
4 M	Vinyl Chloride	20.000	19.581	2.1	124	0.00
5 M	Bromomethane	20.000	18.363	8.2	105	0.00
6 M	Chloroethane	20.000	19.051	4.7	114	0.00
7 M	Trichlorofluoromethane	20.000	20.491	-2.5	150	0.00
8 T	Diethyl Ether	20.000	19.422	2.9	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.785	-8.9	172	0.00
10 M	1,1-Dichloroethene	20.000	19.764	1.2	123	0.00
11	Methyl Iodide	20.000	17.850	10.7	107	0.00
12	Methyl Acetate	20.000	19.875	0.6	106	0.00
13 M	Acrolein	100.000	92.909	7.1	107	0.00
14 M	Acrylonitrile	100.000	98.116	1.9	107	0.00
15 M	Acetone	100.000	91.840	8.2	96	0.00
16 M	Carbon Disulfide	20.000	19.004	5.0	129	0.00
17	Allyl chloride	20.000	19.198	4.0	113	0.00
18 M	Methylene Chloride	20.000	19.225	3.9	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.737	1.3	113	0.00
20 T	Diisopropyl ether	20.000	19.782	1.1	110	0.00
21 M	1,1-Dichloroethane	20.000	19.324	3.4	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.673	1.6	113	0.00
23 M	tert-Butyl Alcohol	100.000	109.259	-9.3	116	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.692	1.5	110	0.00
25 M	Chloroform	20.000	19.021	4.9	110	0.00
26	Cyclohexane	20.000	21.119	-5.6	164	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.791	4.0	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	21.369	-6.8	131	0.00
30 M	2-Butanone	100.000	101.174	-1.2	104	0.00
31	2,2-Dichloropropane	20.000	19.058	4.7	113	0.00
32 M	1,1,1-Trichloroethane	20.000	19.999	0.0	120	0.00
33 M	Carbon Tetrachloride	20.000	20.171	-0.9	128	0.00
34 M	Benzene	20.000	20.440	-2.2	111	0.00
35	Methacrylonitrile	20.000	19.829	0.9	105	0.00
36 M	1,2-Dichloroethane	20.000	20.413	-2.1	109	0.00
37 M	Trichloroethene	20.000	20.284	-1.4	114	0.00
38	Methylcyclohexane	20.000	22.932	-14.7	183	0.00
39 M	1,2-Dichloropropane	20.000	19.791	1.0	108	0.00
40	Dibromomethane	20.000	20.491	-2.5	110	0.00
41 M	Bromodichloromethane	20.000	19.275	3.6	107	0.00
42 M	Vinyl Acetate	100.000	102.041	-2.0	112	0.00
43	Ethyl Acetate	20.000	20.209	-1.0	110	0.00
44	Isopropyl Acetate	20.000	20.307	-1.5	111	0.00
45 T	1,4-Dioxane	400.000	459.472	-14.9	110	0.00
46	Methyl methacrylate	20.000	20.190	-1.0	111	0.00
47	n-amyl Acetate	20.000	19.977	0.1	110	0.00
48 M	t-1,3-Dichloropropene	20.000	18.807	6.0	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.045	4.8	105	0.00
50 M	1,1,2-Trichloroethane	20.000	20.083	-0.4	107	0.00
51	Ethyl methacrylate	20.000	20.130	-0.6	111	0.00
52	1,3-Dichloropropane	20.000	20.442	-2.2	108	0.00
53 M	Dibromochloromethane	20.000	18.756	6.2	107	0.00
54 M	1,2-Dibromoethane	20.000	19.917	0.4	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.146	-7.1	108	0.00
56 M	Bromoform	20.000	18.325	8.4	112	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.835	-1.8	108	0.00
59 M	2-Hexanone	100.000	101.795	-1.8	106	0.00
60 S	4-Bromofluorobenzene	30.000	29.188	2.7	104	0.00
61 M	Tetrachloroethene	20.000	20.790	-3.9	120	0.00
62 M	Toluene	20.000	20.021	-0.1	110	0.00
63 S	Toluene-d8	30.000	30.493	-1.6	109	0.00
64 M	Chlorobenzene	20.000	19.518	2.4	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.202	4.0	108	0.00
66 M	Ethyl Benzene	20.000	20.017	-0.1	114	0.00
67 M	m/p-Xylenes	40.000	40.377	-0.9	113	0.00
68 M	o-Xylene	20.000	19.962	0.2	109	0.00
69 M	Styrene	20.000	19.780	1.1	109	0.00
70	Isopropylbenzene	20.000	20.285	-1.4	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.977	0.1	106	0.00
72	1,2,3-Trichloropropane	20.000	20.938	-4.7	117	0.00
73	Bromobenzene	20.000	19.469	2.7	107	0.00
74	n-propylbenzene	20.000	20.414	-2.1	118	0.00
75	2-Chlorotoluene	20.000	20.025	-0.1	113	0.00
76	1,3,5-Trimethylbenzene	20.000	20.226	-1.1	116	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.829	15.9	107	0.00
78	4-Chlorotoluene	20.000	19.526	2.4	110	0.00
79	tert-butylbenzene	20.000	20.226	-1.1	119	0.00
80	1,2,4-Trimethylbenzene	20.000	19.990	0.1	113	0.00
81	sec-Butylbenzene	20.000	20.752	-3.8	127	0.00
82	p-Isopropyltoluene	20.000	20.670	-3.4	124	0.00
83 M	1,3-Dichlorobenzene	20.000	19.889	0.6	111	0.00
84 M	1,4-Dichlorobenzene	20.000	20.242	-1.2	113	0.00
85	n-Butylbenzene	20.000	20.456	-2.3	132	0.00
86 T	Hexachloroethane	20.000	18.088	9.6	123	0.00
87 M	1,2-Dichlorobenzene	20.000	20.493	-2.5	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.381	8.1	105	0.00
89	1,2,4-Trichlorobenzene	20.000	20.658	-3.3	119	0.00
90	Hexachlorobutadiene	20.000	21.739	-8.7	151	0.00
91 M	Naphthalene	20.000	20.411	-2.1	112	0.00
92	1,2,3-Trichlorobenzene	20.000	20.422	-2.1	117	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0