

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036530.D
 Acq On : 13 Jul 2023 17:02
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071423

Quant Time: Jul 14 04:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	21.941	-9.7	114	0.00
3 M	Chloromethane	20.000	20.077	-0.4	113	0.00
4 M	Vinyl Chloride	20.000	20.715	-3.6	111	0.00
5 M	Bromomethane	20.000	19.292	3.5	105	0.00
6 M	Chloroethane	20.000	20.025	-0.1	110	0.00
7 M	Trichlorofluoromethane	20.000	22.170	-10.9	118	0.00
8 T	Diethyl Ether	20.000	19.515	2.4	120	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.219	-11.1	124	0.00
10 M	1,1-Dichloroethene	20.000	20.430	-2.1	115	0.00
11	Methyl Iodide	20.000	20.540	-2.7	134	0.00
12	Methyl Acetate	20.000	19.202	4.0	113	0.00
13 M	Acrolein	100.000	91.857	8.1	119	0.00
14 M	Acrylonitrile	100.000	95.386	4.6	113	0.00
15 M	Acetone	100.000	101.321	-1.3	119	0.00
16 M	Carbon Disulfide	20.000	20.862	-4.3	123	0.00
17	Allyl chloride	20.000	19.796	1.0	118	0.00
18 M	Methylene Chloride	20.000	19.018	4.9	115	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.445	-2.2	118	0.00
20 T	Diisopropyl ether	20.000	19.841	0.8	117	0.00
21 M	1,1-Dichloroethane	20.000	19.555	2.2	115	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.550	2.2	113	0.00
23 M	tert-Butyl Alcohol	100.000	96.059	3.9	118	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.681	1.6	118	0.00
25 M	Chloroform	20.000	19.710	1.4	115	0.00
26	Cyclohexane	20.000	21.700	-8.5	117	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.544	1.5	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	20.616	-3.1	118	0.00
30 M	2-Butanone	100.000	95.900	4.1	115	0.00
31	2,2-Dichloropropane	20.000	20.706	-3.5	125	0.00
32 M	1,1,1-Trichloroethane	20.000	20.198	-1.0	116	0.00
33 M	Carbon Tetrachloride	20.000	20.126	-0.6	118	0.00
34 M	Benzene	20.000	19.771	1.1	117	0.00
35	Methacrylonitrile	20.000	18.627	6.9	114	0.00
36 M	1,2-Dichloroethane	20.000	19.450	2.8	118	0.00
37 M	Trichloroethene	20.000	19.842	0.8	118	0.00
38	Methylcyclohexane	20.000	22.057	-10.3	124	0.00
39 M	1,2-Dichloropropane	20.000	19.668	1.7	119	0.00
40	Dibromomethane	20.000	18.752	6.2	116	0.00
41 M	Bromodichloromethane	20.000	19.093	4.5	118	0.00
42 M	Vinyl Acetate	100.000	96.883	3.1	118	0.00
43	Ethyl Acetate	20.000	18.826	5.9	116	0.00
44	Isopropyl Acetate	20.000	19.013	4.9	115	0.00
45 T	1,4-Dioxane	400.000	385.693	3.6	118	0.00
46	Methyl methacrylate	20.000	19.167	4.2	120	0.00
47	n-amyl Acetate	20.000	19.236	3.8	119	0.00
48 M	t-1,3-Dichloropropene	20.000	19.022	4.9	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.320	3.4	119	0.00
50 M	1,1,2-Trichloroethane	20.000	18.827	5.9	112	0.00
51	Ethyl methacrylate	20.000	19.390	3.0	118	0.00
52	1,3-Dichloropropane	20.000	19.398	3.0	115	0.00
53 M	Dibromochloromethane	20.000	19.058	4.7	119	0.00
54 M	1,2-Dibromoethane	20.000	19.613	1.9	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.872	13.1	103	0.00
56 M	Bromoform	20.000	18.784	6.1	120	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.814	3.2	114	0.00
59 M	2-Hexanone	100.000	97.915	2.1	116	0.00
60 S	4-Bromofluorobenzene	30.000	30.122	-0.4	112	0.00
61 M	Tetrachloroethene	20.000	20.753	-3.8	118	0.00
62 M	Toluene	20.000	20.272	-1.4	118	0.00
63 S	Toluene-d8	30.000	30.016	-0.1	111	0.00
64 M	Chlorobenzene	20.000	20.062	-0.3	118	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.459	2.7	117	0.00
66 M	Ethyl Benzene	20.000	20.342	-1.7	118	0.00
67 M	m/p-Xylenes	40.000	41.028	-2.6	119	0.00
68 M	o-Xylene	20.000	20.133	-0.7	117	0.00
69 M	Styrene	20.000	19.823	0.9	116	0.00
70	Isopropylbenzene	20.000	21.056	-5.3	121	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.490	2.6	118	0.00
72	1,2,3-Trichloropropane	20.000	19.935	0.3	119	0.00
73	Bromobenzene	20.000	19.890	0.5	119	0.00
74	n-propylbenzene	20.000	21.156	-5.8	123	0.00
75	2-Chlorotoluene	20.000	20.575	-2.9	117	0.00
76	1,3,5-Trimethylbenzene	20.000	20.669	-3.3	119	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.046	9.8	119	0.00
78	4-Chlorotoluene	20.000	20.379	-1.9	120	0.00
79	tert-butylbenzene	20.000	20.441	-2.2	119	0.00
80	1,2,4-Trimethylbenzene	20.000	20.391	-2.0	119	0.00
81	sec-Butylbenzene	20.000	21.161	-5.8	119	0.00
82	p-Isopropyltoluene	20.000	21.221	-6.1	121	0.00
83 M	1,3-Dichlorobenzene	20.000	20.548	-2.7	121	0.00
84 M	1,4-Dichlorobenzene	20.000	20.463	-2.3	123	0.00
85	n-Butylbenzene	20.000	21.070	-5.4	124	0.00
86 T	Hexachloroethane	20.000	19.889	0.6	126	0.00
87 M	1,2-Dichlorobenzene	20.000	19.852	0.7	119	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.042	4.8	117	0.00
89	1,2,4-Trichlorobenzene	20.000	20.373	-1.9	124	0.00
90	Hexachlorobutadiene	20.000	22.849	-14.2	126	0.00
91 M	Naphthalene	20.000	19.917	0.4	121	0.00
92	1,2,3-Trichlorobenzene	20.000	19.430	2.9	116	0.00

(#) = Out of Range

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