

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX112423\
 Data File : VX039021.D
 Acq On : 24 Nov 2023 13:37
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112423

Quant Time: Nov 27 03:26:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	20.505	-2.5	95	0.00
3 M	Chloromethane	20.000	20.138	-0.7	96	0.00
4 M	Vinyl Chloride	20.000	20.278	-1.4	96	0.00
5 M	Bromomethane	20.000	22.786	-13.9	96	0.00
6 M	Chloroethane	20.000	20.759	-3.8	94	0.00
7 M	Trichlorofluoromethane	20.000	19.777	1.1	92	0.00
8 T	Diethyl Ether	20.000	20.021	-0.1	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.093	-0.5	96	0.00
10 M	1,1-Dichloroethene	20.000	19.901	0.5	95	0.00
11	Methyl Iodide	20.000	20.281	-1.4	105	0.00
12	Methyl Acetate	20.000	20.930	-4.6	100	0.00
13 M	Acrolein	100.000	99.093	0.9	98	0.00
14 M	Acrylonitrile	100.000	103.894	-3.9	99	0.00
15 M	Acetone	100.000	86.049	14.0	72	0.00
16 M	Carbon Disulfide	20.000	20.058	-0.3	97	0.00
17	Allyl chloride	20.000	20.743	-3.7	99	0.00
18 M	Methylene Chloride	20.000	20.464	-2.3	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.878	0.6	97	0.00
20 T	Diisopropyl ether	20.000	20.508	-2.5	98	0.00
21 M	1,1-Dichloroethane	20.000	20.098	-0.5	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.097	-0.5	96	0.00
23 M	tert-Butyl Alcohol	100.000	99.842	0.2	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.374	-1.9	98	0.00
25 M	Chloroform	20.000	20.410	-2.1	98	0.00
26	Cyclohexane	20.000	20.043	-0.2	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.285	-4.3	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	18.936	5.3	94	0.00
30 M	2-Butanone	100.000	94.069	5.9	90	0.00
31	2,2-Dichloropropane	20.000	18.976	5.1	93	0.00
32 M	1,1,1-Trichloroethane	20.000	19.602	2.0	97	0.00
33 M	Carbon Tetrachloride	20.000	19.381	3.1	95	0.00
34 M	Benzene	20.000	19.584	2.1	97	0.00
35	Methacrylonitrile	20.000	19.497	2.5	99	0.00
36 M	1,2-Dichloroethane	20.000	19.833	0.8	98	0.00
37 M	Trichloroethene	20.000	19.228	3.9	95	0.00
38	Methylcyclohexane	20.000	19.259	3.7	94	0.00
39 M	1,2-Dichloropropane	20.000	19.115	4.4	97	0.00
40	Dibromomethane	20.000	19.552	2.2	97	0.00
41 M	Bromodichloromethane	20.000	19.343	3.3	96	0.00
42 M	Vinyl Acetate	100.000	98.026	2.0	96	0.00
43	Ethyl Acetate	20.000	19.717	1.4	97	0.00
44	Isopropyl Acetate	20.000	19.499	2.5	98	0.00
45 T	1,4-Dioxane	400.000	392.403	1.9	102	0.00
46	Methyl methacrylate	20.000	19.488	2.6	98	0.00
47	n-amyl Acetate	20.000	19.005	5.0	99	0.00
48 M	t-1,3-Dichloropropene	20.000	18.858	5.7	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.183	4.1	95	0.00
50 M	1,1,2-Trichloroethane	20.000	19.626	1.9	97	0.00
51	Ethyl methacrylate	20.000	19.582	2.1	101	0.00
52	1,3-Dichloropropane	20.000	19.494	2.5	96	0.00
53 M	Dibromochloromethane	20.000	18.925	5.4	93	0.00
54 M	1,2-Dibromoethane	20.000	19.582	2.1	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.085	5.9	98	0.00
56 M	Bromoform	20.000	18.357	8.2	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.115	0.9	98	0.00
59 M	2-Hexanone	100.000	96.877	3.1	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.656	1.1	98	0.00
61 M	Tetrachloroethene	20.000	19.817	0.9	97	0.00
62 M	Toluene	20.000	19.704	1.5	98	0.00
63 S	Toluene-d8	30.000	30.402	-1.3	100	0.00
64 M	Chlorobenzene	20.000	19.265	3.7	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.101	4.5	95	0.00
66 M	Ethyl Benzene	20.000	19.434	2.8	97	0.00
67 M	m/p-Xylenes	40.000	38.644	3.4	97	0.00
68 M	o-Xylene	20.000	19.672	1.6	99	0.00
69 M	Styrene	20.000	19.211	3.9	97	0.00
70	Isopropylbenzene	20.000	19.191	4.0	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.157	4.2	97	0.00
72	1,2,3-Trichloropropane	20.000	19.715	1.4	98	0.00
73	Bromobenzene	20.000	19.181	4.1	99	0.00
74	n-propylbenzene	20.000	19.124	4.4	96	0.00
75	2-Chlorotoluene	20.000	19.273	3.6	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.422	2.9	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.399	8.0	98	0.00
78	4-Chlorotoluene	20.000	18.808	6.0	94	0.00
79	tert-butylbenzene	20.000	19.360	3.2	96	0.00
80	1,2,4-Trimethylbenzene	20.000	19.096	4.5	96	0.00
81	sec-Butylbenzene	20.000	19.100	4.5	97	0.00
82	p-Isopropyltoluene	20.000	18.846	5.8	95	0.00
83 M	1,3-Dichlorobenzene	20.000	19.225	3.9	98	0.00
84 M	1,4-Dichlorobenzene	20.000	19.120	4.4	97	0.00
85	n-Butylbenzene	20.000	18.829	5.9	97	0.00
86 T	Hexachloroethane	20.000	18.774	6.1	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.288	3.6	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.242	3.8	97	0.00
89	1,2,4-Trichlorobenzene	20.000	19.131	4.3	97	0.00
90	Hexachlorobutadiene	20.000	18.573	7.1	93	0.00
91 M	Naphthalene	20.000	18.799	6.0	97	0.00
92	1,2,3-Trichlorobenzene	20.000	18.746	6.3	94	0.00

(#) = Out of Range

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