

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045014.D
 Acq On : 21 Feb 2025 13:09
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022125

Quant Time: Feb 22 01:12:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	18.226	8.9	90	0.00
3 M	Chloromethane	20.000	17.873	10.6	88	0.00
4 M	Vinyl Chloride	20.000	17.401	13.0	87	0.00
5 M	Bromomethane	20.000	19.506	2.5	98	0.00
6 M	Chloroethane	20.000	20.662	-3.3	95	0.00
7 M	Trichlorofluoromethane	20.000	17.793	11.0	91	0.00
8 T	Diethyl Ether	20.000	17.214	13.9	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.055	9.7	93	0.00
10 M	1,1-Dichloroethene	20.000	18.088	9.6	93	0.00
11	Methyl Iodide	20.000	15.827	20.9	91	0.00
12	Methyl Acetate	20.000	18.176	9.1	94	0.00
13 M	Acrolein	100.000	95.190	4.8	103	0.00
14 M	Acrylonitrile	100.000	89.730	10.3	90	0.00
15 M	Acetone	100.000	108.932	-8.9	106	0.00
16 M	Carbon Disulfide	20.000	17.896	10.5	93	0.00
17	Allyl chloride	20.000	17.812	10.9	93	0.00
18 M	Methylene Chloride	20.000	17.621	11.9	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.825	10.9	91	0.00
20 T	Diisopropyl ether	20.000	17.850	10.7	91	0.00
21 M	1,1-Dichloroethane	20.000	17.693	11.5	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.695	11.5	90	-0.01
23 M	tert-Butyl Alcohol	100.000	92.286	7.7	95	-0.02
24 M	Methyl tert-Butyl Ether	20.000	17.690	11.5	91	0.00
25 M	Chloroform	20.000	17.943	10.3	90	-0.01
26	Cyclohexane	20.000	17.890	10.5	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.736	0.9	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	17.969	10.2	90	-0.01
30 M	2-Butanone	100.000	96.206	3.8	97	0.00
31	2,2-Dichloropropane	20.000	18.104	9.5	94	0.00
32 M	1,1,1-Trichloroethane	20.000	17.945	10.3	91	0.00
33 M	Carbon Tetrachloride	20.000	18.080	9.6	91	0.00
34 M	Benzene	20.000	18.013	9.9	90	0.00
35	Methacrylonitrile	20.000	18.343	8.3	92	0.00
36 M	1,2-Dichloroethane	20.000	18.316	8.4	91	0.00
37 M	Trichloroethene	20.000	17.933	10.3	89	0.00
38	Methylcyclohexane	20.000	18.370	8.1	95	0.00
39 M	1,2-Dichloropropane	20.000	17.406	13.0	86	0.00
40	Dibromomethane	20.000	18.010	9.9	90	0.00
41 M	Bromodichloromethane	20.000	17.645	11.8	89	0.00
42 M	Vinyl Acetate	100.000	89.973	10.0	91	0.00
43	Ethyl Acetate	20.000	17.072	14.6	86	0.00
44	Isopropyl Acetate	20.000	17.994	10.0	94	0.00
45 T	1,4-Dioxane	400.000	376.282	5.9	90	0.00
46	Methyl methacrylate	20.000	18.320	8.4	95	0.00
47	n-amyl Acetate	20.000	17.920	10.4	93	0.00
48 M	t-1,3-Dichloropropene	20.000	16.972	15.1	93	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.491	12.5	90	0.00
50 M	1,1,2-Trichloroethane	20.000	18.451	7.7	90	0.00
51	Ethyl methacrylate	20.000	17.882	10.6	95	0.00
52	1,3-Dichloropropane	20.000	17.765	11.2	87	0.00
53 M	Dibromochloromethane	20.000	17.620	11.9	88	0.00
54 M	1,2-Dibromoethane	20.000	17.616	11.9	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.929	14.1	87	0.00
56 M	Bromoform	20.000	17.412	12.9	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.175	6.8	92	0.00
59 M	2-Hexanone	100.000	95.501	4.5	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.094	-0.3	99	0.00
61 M	Tetrachloroethene	20.000	17.908	10.5	89	0.00
62 M	Toluene	20.000	17.876	10.6	90	0.00
63 S	Toluene-d8	30.000	29.620	1.3	97	0.00
64 M	Chlorobenzene	20.000	17.942	10.3	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.362	13.2	88	0.00
66 M	Ethyl Benzene	20.000	18.117	9.4	93	0.00
67 M	m/p-Xylenes	40.000	36.205	9.5	89	0.00
68 M	o-Xylene	20.000	18.340	8.3	90	0.00
69 M	Styrene	20.000	17.886	10.6	89	0.00
70	Isopropylbenzene	20.000	18.117	9.4	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.349	8.3	92	0.00
72	1,2,3-Trichloropropane	20.000	18.172	9.1	92	0.00
73	Bromobenzene	20.000	18.218	8.9	91	0.00
74	n-propylbenzene	20.000	18.269	8.7	92	0.00
75	2-Chlorotoluene	20.000	18.145	9.3	90	0.00
76	1,3,5-Trimethylbenzene	20.000	18.633	6.8	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.964	20.2	92	0.00
78	4-Chlorotoluene	20.000	18.131	9.3	91	0.00
79	tert-butylbenzene	20.000	18.420	7.9	91	0.00
80	1,2,4-Trimethylbenzene	20.000	18.423	7.9	90	0.00
81	sec-Butylbenzene	20.000	18.461	7.7	92	0.00
82	p-Isopropyltoluene	20.000	18.616	6.9	93	0.00
83 M	1,3-Dichlorobenzene	20.000	18.234	8.8	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.390	8.0	92	0.00
85	n-Butylbenzene	20.000	18.213	8.9	94	0.00
86 T	Hexachloroethane	20.000	17.309	13.5	93	0.00
87 M	1,2-Dichlorobenzene	20.000	18.513	7.4	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.893	10.5	96	0.00
89	1,2,4-Trichlorobenzene	20.000	18.126	9.4	95	0.00
90	Hexachlorobutadiene	20.000	18.726	6.4	94	0.00
91 M	Naphthalene	20.000	18.271	8.6	93	0.00
92	1,2,3-Trichlorobenzene	20.000	17.312	13.4	88	0.00

(#) = Out of Range

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