

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032752.D
 Acq On : 11 Nov 2022 02:54
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111022

Quant Time: Nov 11 05:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	21.234	-6.2	97	0.00
3 M	Chloromethane	20.000	21.108	-5.5	98	0.00
4 M	Vinyl Chloride	20.000	20.822	-4.1	96	0.00
5 M	Bromomethane	20.000	21.670	-8.4	104	0.00
6 M	Chloroethane	20.000	20.303	-1.5	98	0.00
7 M	Trichlorofluoromethane	20.000	20.706	-3.5	97	0.00
8 T	Diethyl Ether	20.000	20.465	-2.3	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.286	-1.4	96	0.00
10 M	1,1-Dichloroethene	20.000	20.250	-1.3	97	0.00
11	Methyl Iodide	20.000	17.751	11.2	93	0.00
12	Methyl Acetate	20.000	20.720	-3.6	98	0.00
13 M	Acrolein	100.000	101.558	-1.6	102	0.00
14 M	Acrylonitrile	100.000	102.363	-2.4	99	0.00
15 M	Acetone	100.000	108.862	-8.9	102	0.00
16 M	Carbon Disulfide	20.000	20.192	-1.0	100	0.00
17	Allyl chloride	20.000	20.049	-0.2	98	0.00
18 M	Methylene Chloride	20.000	20.332	-1.7	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.345	-1.7	99	0.00
20 T	Diisopropyl ether	20.000	19.820	0.9	98	0.00
21 M	1,1-Dichloroethane	20.000	20.372	-1.9	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.898	0.5	97	0.00
23 M	tert-Butyl Alcohol	100.000	118.710	-18.7	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.983	0.1	98	0.00
25 M	Chloroform	20.000	19.971	0.1	98	0.00
26	Cyclohexane	20.000	20.275	-1.4	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.957	0.1	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	20.191	-1.0	99	0.00
30 M	2-Butanone	100.000	105.403	-5.4	103	0.00
31	2,2-Dichloropropane	20.000	18.959	5.2	93	0.00
32 M	1,1,1-Trichloroethane	20.000	20.019	-0.1	99	0.00
33 M	Carbon Tetrachloride	20.000	19.533	2.3	97	0.00
34 M	Benzene	20.000	19.899	0.5	97	0.00
35	Methacrylonitrile	20.000	20.283	-1.4	101	0.00
36 M	1,2-Dichloroethane	20.000	20.049	-0.2	96	0.00
37 M	Trichloroethene	20.000	20.111	-0.6	98	0.00
38	Methylcyclohexane	20.000	19.680	1.6	97	0.00
39 M	1,2-Dichloropropane	20.000	19.863	0.7	98	0.00
40	Dibromomethane	20.000	20.262	-1.3	99	0.00
41 M	Bromodichloromethane	20.000	19.563	2.2	98	0.00
42 M	Vinyl Acetate	100.000	99.849	0.2	99	0.00
43	Ethyl Acetate	20.000	20.844	-4.2	100	0.00
44	Isopropyl Acetate	20.000	20.235	-1.2	101	0.00
45 T	1,4-Dioxane	400.000	430.266	-7.6	104	0.00
46	Methyl methacrylate	20.000	19.975	0.1	99	0.00
47	n-amyl Acetate	20.000	20.536	-2.7	102	0.00
48 M	t-1,3-Dichloropropene	20.000	19.218	3.9	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.168	4.2	97	0.00
50 M	1,1,2-Trichloroethane	20.000	19.744	1.3	100	0.00
51	Ethyl methacrylate	20.000	19.602	2.0	98	0.00
52	1,3-Dichloropropane	20.000	20.054	-0.3	97	0.00
53 M	Dibromochloromethane	20.000	19.010	4.9	98	0.00
54 M	1,2-Dibromoethane	20.000	19.924	0.4	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.637	-1.6	101	0.00
56 M	Bromoform	20.000	19.347	3.3	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.327	-4.3	100	0.00
59 M	2-Hexanone	100.000	106.584	-6.6	101	0.00
60 S	4-Bromofluorobenzene	30.000	29.698	1.0	100	0.00
61 M	Tetrachloroethene	20.000	19.836	0.8	99	0.00
62 M	Toluene	20.000	19.757	1.2	98	0.00
63 S	Toluene-d8	30.000	29.944	0.2	99	0.00
64 M	Chlorobenzene	20.000	20.451	-2.3	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.177	-0.9	100	0.00
66 M	Ethyl Benzene	20.000	20.007	-0.0	99	0.00
67 M	m/p-Xylenes	40.000	40.223	-0.6	100	0.00
68 M	o-Xylene	20.000	19.794	1.0	98	0.00
69 M	Styrene	20.000	19.417	2.9	96	0.00
70	Isopropylbenzene	20.000	20.089	-0.4	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.574	-2.9	100	0.00
72	1,2,3-Trichloropropane	20.000	21.337	-6.7	101	0.00
73	Bromobenzene	20.000	20.372	-1.9	101	0.00
74	n-propylbenzene	20.000	20.005	-0.0	99	0.00
75	2-Chlorotoluene	20.000	20.275	-1.4	100	0.00
76	1,3,5-Trimethylbenzene	20.000	20.033	-0.2	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.450	7.8	97	0.00
78	4-Chlorotoluene	20.000	19.824	0.9	98	0.00
79	tert-butylbenzene	20.000	19.974	0.1	100	0.00
80	1,2,4-Trimethylbenzene	20.000	20.533	-2.7	100	0.00
81	sec-Butylbenzene	20.000	20.234	-1.2	101	0.00
82	p-Isopropyltoluene	20.000	20.032	-0.2	99	0.00
83 M	1,3-Dichlorobenzene	20.000	20.244	-1.2	99	0.00
84 M	1,4-Dichlorobenzene	20.000	20.364	-1.8	100	0.00
85	n-Butylbenzene	20.000	19.647	1.8	98	0.00
86 T	Hexachloroethane	20.000	18.948	5.3	99	0.00
87 M	1,2-Dichlorobenzene	20.000	20.238	-1.2	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.576	-2.9	107	0.00
89	1,2,4-Trichlorobenzene	20.000	19.955	0.2	101	0.00
90	Hexachlorobutadiene	20.000	21.053	-5.3	106	0.00
91 M	Naphthalene	20.000	20.371	-1.9	101	0.00
92	1,2,3-Trichlorobenzene	20.000	19.736	1.3	97	0.00

(#) = Out of Range

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