

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034948.D
 Acq On : 06 Apr 2023 09:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 07 03:15:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	24.154	-20.8	137	0.00
3 M	Chloromethane	20.000	20.531	-2.7	108	0.00
4 M	Vinyl Chloride	20.000	20.613	-3.1	113	0.00
5 M	Bromomethane	20.000	19.417	2.9	104	0.00
6 M	Chloroethane	20.000	17.881	10.6	99	0.00
7 M	Trichlorofluoromethane	20.000	18.426	7.9	104	0.00
8 T	Diethyl Ether	20.000	19.555	2.2	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.315	-6.6	123	0.00
10 M	1,1-Dichloroethene	20.000	19.506	2.5	111	0.00
11	Methyl Iodide	20.000	17.987	10.1	103	0.00
12	Methyl Acetate	20.000	19.647	1.8	107	0.00
13 M	Acrolein	100.000	89.798	10.2	96	0.00
14 M	Acrylonitrile	100.000	96.463	3.5	104	0.00
15 M	Acetone	100.000	120.256	-20.3	130	0.00
16 M	Carbon Disulfide	20.000	18.561	7.2	110	0.00
17	Allyl chloride	20.000	20.372	-1.9	115	0.00
18 M	Methylene Chloride	20.000	19.141	4.3	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.525	2.4	111	0.00
20 T	Diisopropyl ether	20.000	19.982	0.1	109	0.00
21 M	1,1-Dichloroethane	20.000	19.918	0.4	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.515	2.4	109	0.00
23 M	tert-Butyl Alcohol	100.000	94.589	5.4	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.917	0.4	110	0.00
25 M	Chloroform	20.000	20.233	-1.2	114	0.00
26	Cyclohexane	20.000	19.481	2.6	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.664	-5.5	115	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	19.590	2.1	117	0.00
30 M	2-Butanone	100.000	101.203	-1.2	111	0.00
31	2,2-Dichloropropane	20.000	20.519	-2.6	122	0.00
32 M	1,1,1-Trichloroethane	20.000	20.067	-0.3	119	0.00
33 M	Carbon Tetrachloride	20.000	20.443	-2.2	125	0.00
34 M	Benzene	20.000	19.330	3.4	108	0.00
35	Methacrylonitrile	20.000	18.883	5.6	106	0.00
36 M	1,2-Dichloroethane	20.000	20.313	-1.6	116	0.00
37 M	Trichloroethene	20.000	19.484	2.6	114	0.00
38	Methylcyclohexane	20.000	19.280	3.6	115	0.00
39 M	1,2-Dichloropropane	20.000	19.707	1.5	112	0.00
40	Dibromomethane	20.000	19.459	2.7	109	0.00
41 M	Bromodichloromethane	20.000	19.558	2.2	114	0.00
42 M	Vinyl Acetate	100.000	97.219	2.8	107	0.00
43	Ethyl Acetate	20.000	19.104	4.5	105	0.00
44	Isopropyl Acetate	20.000	18.248	8.8	102	0.00
45 T	1,4-Dioxane	400.000	396.524	0.9	105	0.00
46	Methyl methacrylate	20.000	19.299	3.5	111	0.00
47	n-amyl Acetate	20.000	17.726	11.4	102	0.00
48 M	t-1,3-Dichloropropene	20.000	18.881	5.6	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.326	3.4	113	0.00
50 M	1,1,2-Trichloroethane	20.000	19.742	1.3	113	0.00
51	Ethyl methacrylate	20.000	18.465	7.7	106	0.00
52	1,3-Dichloropropane	20.000	19.646	1.8	110	0.00
53 M	Dibromochloromethane	20.000	19.266	3.7	115	0.00
54 M	1,2-Dibromoethane	20.000	18.970	5.2	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.312	4.7	104	0.00
56 M	Bromoform	20.000	17.843	10.8	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.771	2.2	104	0.00
59 M	2-Hexanone	100.000	99.738	0.3	107	0.00
60 S	4-Bromofluorobenzene	30.000	30.589	-2.0	116	0.00
61 M	Tetrachloroethene	20.000	20.403	-2.0	119	0.00
62 M	Toluene	20.000	19.769	1.2	111	0.00
63 S	Toluene-d8	30.000	30.148	-0.5	110	0.00
64 M	Chlorobenzene	20.000	19.673	1.6	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.148	-0.7	115	0.00
66 M	Ethyl Benzene	20.000	19.951	0.2	114	0.00
67 M	m/p-Xylenes	40.000	39.961	0.1	116	0.00
68 M	o-Xylene	20.000	20.068	-0.3	114	0.00
69 M	Styrene	20.000	19.632	1.8	114	0.00
70	Isopropylbenzene	20.000	19.795	1.0	116	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.143	4.3	105	0.00
72	1,2,3-Trichloropropane	20.000	17.835	10.8	98	0.00
73	Bromobenzene	20.000	19.570	2.1	112	0.00
74	n-propylbenzene	20.000	19.647	1.8	116	0.00
75	2-Chlorotoluene	20.000	20.164	-0.8	119	0.00
76	1,3,5-Trimethylbenzene	20.000	19.992	0.0	117	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.954	15.2	109	0.00
78	4-Chlorotoluene	20.000	19.963	0.2	120	0.00
79	tert-butylbenzene	20.000	19.485	2.6	115	0.00
80	1,2,4-Trimethylbenzene	20.000	20.065	-0.3	118	0.00
81	sec-Butylbenzene	20.000	19.707	1.5	118	0.00
82	p-Isopropyltoluene	20.000	19.823	0.9	119	0.00
83 M	1,3-Dichlorobenzene	20.000	19.476	2.6	113	0.00
84 M	1,4-Dichlorobenzene	20.000	19.927	0.4	117	0.00
85	n-Butylbenzene	20.000	19.732	1.3	121	0.00
86 T	Hexachloroethane	20.000	18.058	9.7	122	0.00
87 M	1,2-Dichlorobenzene	20.000	19.644	1.8	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.806	6.0	117	0.00
89	1,2,4-Trichlorobenzene	20.000	19.670	1.6	117	0.00
90	Hexachlorobutadiene	20.000	22.186	-10.9	133	0.00
91 M	Naphthalene	20.000	19.329	3.4	109	0.00
92	1,2,3-Trichlorobenzene	20.000	19.895	0.5	115	0.00

(#) = Out of Range

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