

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031822.D
 Acq On : 30 Sep 2022 19:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 03 01:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	19.015	4.9	90	0.00
3 M	Chloromethane	20.000	21.214	-6.1	94	0.00
4 M	Vinyl Chloride	20.000	19.668	1.7	88	0.00
5 M	Bromomethane	20.000	19.522	2.4	95	0.00
6 M	Chloroethane	20.000	18.194	9.0	86	0.00
7 M	Trichlorofluoromethane	20.000	19.950	0.3	89	0.00
8 T	Diethyl Ether	20.000	19.905	0.5	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.891	0.5	91	0.00
10 M	1,1-Dichloroethene	20.000	19.402	3.0	90	0.00
11	Methyl Iodide	20.000	17.152	14.2	95	0.00
12	Methyl Acetate	20.000	20.590	-2.9	93	0.00
13 M	Acrolein	100.000	90.650	9.3	93	0.00
14 M	Acrylonitrile	100.000	101.147	-1.1	91	0.00
15 M	Acetone	100.000	101.450	-1.5	88	0.00
16 M	Carbon Disulfide	20.000	17.859	10.7	88	0.00
17	Allyl chloride	20.000	19.079	4.6	87	0.00
18 M	Methylene Chloride	20.000	19.969	0.2	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.507	7.5	86	0.00
20 T	Diisopropyl ether	20.000	19.922	0.4	89	0.00
21 M	1,1-Dichloroethane	20.000	19.937	0.3	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.485	2.6	92	0.00
23 M	tert-Butyl Alcohol	100.000	94.360	5.6	82	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.163	4.2	88	0.00
25 M	Chloroform	20.000	19.936	0.3	91	0.00
26	Cyclohexane	20.000	19.224	3.9	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.262	-4.2	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.007	5.0	88	0.00
30 M	2-Butanone	100.000	101.259	-1.3	88	0.00
31	2,2-Dichloropropane	20.000	17.206	14.0	83	0.00
32 M	1,1,1-Trichloroethane	20.000	18.700	6.5	89	0.00
33 M	Carbon Tetrachloride	20.000	18.583	7.1	89	0.00
34 M	Benzene	20.000	19.513	2.4	90	0.00
35	Methacrylonitrile	20.000	19.965	0.2	90	0.00
36 M	1,2-Dichloroethane	20.000	20.028	-0.1	90	0.00
37 M	Trichloroethene	20.000	18.548	7.3	91	0.00
38	Methylcyclohexane	20.000	18.905	5.5	89	0.00
39 M	1,2-Dichloropropane	20.000	20.229	-1.1	94	0.00
40	Dibromomethane	20.000	19.619	1.9	89	0.00
41 M	Bromodichloromethane	20.000	19.323	3.4	92	0.00
42 M	Vinyl Acetate	100.000	99.233	0.8	89	0.00
43	Ethyl Acetate	20.000	21.089	-5.4	93	0.00
44	Isopropyl Acetate	20.000	19.567	2.2	89	0.00
45 T	1,4-Dioxane	400.000	402.254	-0.6	84	0.00
46	Methyl methacrylate	20.000	20.540	-2.7	91	0.00
47	n-amyl Acetate	20.000	19.119	4.4	88	0.00
48 M	t-1,3-Dichloropropene	20.000	17.442	12.8	85	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031822.D
 Acq On : 30 Sep 2022 19:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 03 01:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 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)
49 T	cis-1,3-Dichloropropene	20.000	17.993	10.0	86	0.00
50 M	1,1,2-Trichloroethane	20.000	19.528	2.4	90	0.00
51	Ethyl methacrylate	20.000	19.075	4.6	88	0.00
52	1,3-Dichloropropane	20.000	19.730	1.3	89	0.00
53 M	Dibromochloromethane	20.000	18.474	7.6	92	0.00
54 M	1,2-Dibromoethane	20.000	19.243	3.8	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.102	-2.1	89	0.00
56 M	Bromoform	20.000	16.680	16.6	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.848	-5.8	90	0.00
59 M	2-Hexanone	100.000	105.751	-5.8	90	0.00
60 S	4-Bromofluorobenzene	30.000	30.277	-0.9	92	0.00
61 M	Tetrachloroethene	20.000	18.335	8.3	87	0.00
62 M	Toluene	20.000	19.781	1.1	90	0.00
63 S	Toluene-d8	30.000	30.872	-2.9	94	0.00
64 M	Chlorobenzene	20.000	19.301	3.5	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.747	6.3	90	0.00
66 M	Ethyl Benzene	20.000	19.739	1.3	89	0.00
67 M	m/p-Xylenes	40.000	39.244	1.9	88	0.00
68 M	o-Xylene	20.000	19.459	2.7	88	0.00
69 M	Styrene	20.000	19.307	3.5	87	0.00
70	Isopropylbenzene	20.000	19.818	0.9	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.492	-2.5	91	0.00
72	1,2,3-Trichloropropane	20.000	20.524	-2.6	89	0.00
73	Bromobenzene	20.000	18.955	5.2	88	0.00
74	n-propylbenzene	20.000	19.779	1.1	88	0.00
75	2-Chlorotoluene	20.000	20.009	-0.0	89	0.00
76	1,3,5-Trimethylbenzene	20.000	19.940	0.3	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.511	22.4	81	0.00
78	4-Chlorotoluene	20.000	20.067	-0.3	89	0.00
79	tert-butylbenzene	20.000	19.349	3.3	87	0.00
80	1,2,4-Trimethylbenzene	20.000	20.466	-2.3	91	0.00
81	sec-Butylbenzene	20.000	19.514	2.4	88	0.00
82	p-Isopropyltoluene	20.000	19.080	4.6	86	0.00
83 M	1,3-Dichlorobenzene	20.000	18.855	5.7	88	0.00
84 M	1,4-Dichlorobenzene	20.000	19.086	4.6	88	0.00
85	n-Butylbenzene	20.000	19.211	3.9	89	0.00
86 T	Hexachloroethane	20.000	17.520	12.4	85	0.00
87 M	1,2-Dichlorobenzene	20.000	19.290	3.6	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.961	0.2	91	0.00
89	1,2,4-Trichlorobenzene	20.000	17.664	11.7	89	0.00
90	Hexachlorobutadiene	20.000	17.227	13.9	88	0.00
91 M	Naphthalene	20.000	19.087	4.6	87	0.00
92	1,2,3-Trichlorobenzene	20.000	18.453	7.7	92	0.00

(#) = Out of Range

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