

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032760.D
 Acq On : 11 Nov 2022 09:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 14 04:54:16 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	22.145	-10.7	98	0.00
3 M	Chloromethane	20.000	21.990	-9.9	99	0.00
4 M	Vinyl Chloride	20.000	21.927	-9.6	98	0.00
5 M	Bromomethane	20.000	20.893	-4.5	97	0.00
6 M	Chloroethane	20.000	21.268	-6.3	99	0.00
7 M	Trichlorofluoromethane	20.000	22.076	-10.4	100	0.00
8 T	Diethyl Ether	20.000	21.718	-8.6	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.523	-12.6	103	0.00
10 M	1,1-Dichloroethene	20.000	21.521	-7.6	100	0.00
11	Methyl Iodide	20.000	21.278	-6.4	108	0.00
12	Methyl Acetate	20.000	21.385	-6.9	98	0.00
13 M	Acrolein	100.000	120.854	-20.9	117	0.00
14 M	Acrylonitrile	100.000	107.924	-7.9	102	0.00
15 M	Acetone	100.000	134.331	-34.3#	122	0.00
16 M	Carbon Disulfide	20.000	21.125	-5.6	101	0.00
17	Allyl chloride	20.000	21.606	-8.0	103	0.00
18 M	Methylene Chloride	20.000	20.238	-1.2	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.421	-7.1	101	0.00
20 T	Diisopropyl ether	20.000	20.580	-2.9	98	0.00
21 M	1,1-Dichloroethane	20.000	21.268	-6.3	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.324	-6.6	101	-0.01
23 M	tert-Butyl Alcohol	100.000	125.278	-25.3#	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.883	-4.4	99	0.00
25 M	Chloroform	20.000	20.954	-4.8	100	0.00
26	Cyclohexane	20.000	21.632	-8.2	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.050	-3.5	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	20.754	-3.8	102	0.00
30 M	2-Butanone	100.000	112.290	-12.3	110	0.00
31	2,2-Dichloropropane	20.000	24.881	-24.4	123	0.00
32 M	1,1,1-Trichloroethane	20.000	19.940	0.3	99	0.00
33 M	Carbon Tetrachloride	20.000	20.375	-1.9	102	-0.01
34 M	Benzene	20.000	20.361	-1.8	100	0.00
35	Methacrylonitrile	20.000	19.116	4.4	95	-0.01
36 M	1,2-Dichloroethane	20.000	20.130	-0.6	97	0.00
37 M	Trichloroethene	20.000	20.039	-0.2	98	0.00
38	Methylcyclohexane	20.000	21.509	-7.5	106	0.00
39 M	1,2-Dichloropropane	20.000	20.297	-1.5	101	0.00
40	Dibromomethane	20.000	19.891	0.5	97	0.00
41 M	Bromodichloromethane	20.000	20.075	-0.4	101	0.00
42 M	Vinyl Acetate	100.000	101.077	-1.1	101	0.00
43	Ethyl Acetate	20.000	20.907	-4.5	101	0.00
44	Isopropyl Acetate	20.000	19.889	0.6	100	0.00
45 T	1,4-Dioxane	400.000	431.471	-7.9	105	0.00
46	Methyl methacrylate	20.000	19.914	0.4	99	0.00
47	n-amyl Acetate	20.000	20.406	-2.0	102	0.00
48 M	t-1,3-Dichloropropene	20.000	20.357	-1.8	105	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032760.D
 Acq On : 11 Nov 2022 09:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 14 04:54:16 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)
49 T	cis-1,3-Dichloropropene	20.000	20.341	-1.7	103	0.00
50 M	1,1,2-Trichloroethane	20.000	20.103	-0.5	102	0.00
51	Ethyl methacrylate	20.000	19.908	0.5	100	0.00
52	1,3-Dichloropropane	20.000	20.582	-2.9	100	0.00
53 M	Dibromochloromethane	20.000	19.802	1.0	102	0.00
54 M	1,2-Dibromoethane	20.000	20.201	-1.0	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.658	3.3	96	0.00
56 M	Bromoform	20.000	19.128	4.4	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.655	-5.7	100	0.00
59 M	2-Hexanone	100.000	112.519	-12.5	106	0.00
60 S	4-Bromofluorobenzene	30.000	30.096	-0.3	100	0.00
61 M	Tetrachloroethene	20.000	20.463	-2.3	101	0.00
62 M	Toluene	20.000	20.572	-2.9	100	0.00
63 S	Toluene-d8	30.000	30.075	-0.2	98	0.00
64 M	Chlorobenzene	20.000	20.700	-3.5	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.410	-2.1	100	0.00
66 M	Ethyl Benzene	20.000	20.961	-4.8	102	0.00
67 M	m/p-Xylenes	40.000	41.535	-3.8	102	0.00
68 M	o-Xylene	20.000	20.620	-3.1	101	0.00
69 M	Styrene	20.000	20.707	-3.5	102	0.00
70	Isopropylbenzene	20.000	20.875	-4.4	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.041	-5.2	101	0.00
72	1,2,3-Trichloropropane	20.000	21.555	-7.8	101	0.00
73	Bromobenzene	20.000	20.540	-2.7	100	0.00
74	n-propylbenzene	20.000	21.170	-5.9	104	0.00
75	2-Chlorotoluene	20.000	21.237	-6.2	104	0.00
76	1,3,5-Trimethylbenzene	20.000	20.900	-4.5	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.261	-6.3	111	0.00
78	4-Chlorotoluene	20.000	21.254	-6.3	104	0.00
79	tert-butylbenzene	20.000	20.823	-4.1	103	0.00
80	1,2,4-Trimethylbenzene	20.000	21.427	-7.1	103	0.00
81	sec-Butylbenzene	20.000	21.650	-8.2	106	0.00
82	p-Isopropyltoluene	20.000	21.584	-7.9	106	0.00
83 M	1,3-Dichlorobenzene	20.000	21.475	-7.4	104	0.00
84 M	1,4-Dichlorobenzene	20.000	21.350	-6.8	104	0.00
85	n-Butylbenzene	20.000	21.807	-9.0	108	0.00
86 T	Hexachloroethane	20.000	20.219	-1.1	104	0.00
87 M	1,2-Dichlorobenzene	20.000	20.806	-4.0	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.491	-7.5	111	0.00
89	1,2,4-Trichlorobenzene	20.000	21.519	-7.6	107	0.00
90	Hexachlorobutadiene	20.000	22.389	-11.9	111	0.00
91 M	Naphthalene	20.000	20.884	-4.4	102	0.00
92	1,2,3-Trichlorobenzene	20.000	21.121	-5.6	102	0.00

(#) = Out of Range

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