

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036176.D
 Acq On : 15 Jun 2023 18:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 16 07:58:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	16.984	15.1	143	0.00
3 M	Chloromethane	20.000	15.524	22.4	95	0.00
4 M	Vinyl Chloride	20.000	15.327	23.4	101	0.00
5 M	Bromomethane	20.000	14.710	26.4#	87	0.00
6 M	Chloroethane	20.000	14.718	26.4#	91	0.00
7 M	Trichlorofluoromethane	20.000	15.546	22.3	118	0.00
8 T	Diethyl Ether	20.000	16.826	15.9	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.550	12.2	143	0.00
10 M	1,1-Dichloroethene	20.000	16.041	19.8	104	0.00
11	Methyl Iodide	20.000	14.155	29.2#	88	0.00
12	Methyl Acetate	20.000	19.581	2.1	108	0.00
13 M	Acrolein	100.000	94.363	5.6	113	0.00
14 M	Acrylonitrile	100.000	91.205	8.8	103	0.00
15 M	Acetone	100.000	78.106	21.9	84	0.00
16 M	Carbon Disulfide	20.000	14.290	28.6#	100	0.00
17	Allyl chloride	20.000	17.443	12.8	106	0.00
18 M	Methylene Chloride	20.000	16.012	19.9	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.250	18.8	96	0.00
20 T	Diisopropyl ether	20.000	17.962	10.2	103	0.00
21 M	1,1-Dichloroethane	20.000	17.603	12.0	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.578	17.1	98	0.00
23 M	tert-Butyl Alcohol	100.000	98.368	1.6	108	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.918	5.4	109	0.00
25 M	Chloroform	20.000	18.806	6.0	113	0.00
26	Cyclohexane	20.000	15.200	24.0	122	0.00
27 s	1,2-Dichloroethane-d4	30.000	35.972	-19.9	133	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	117	0.00
29	1,1-Dichloropropene	20.000	16.672	16.6	114	0.00
30 M	2-Butanone	100.000	85.758	14.2	98	0.00
31	2,2-Dichloropropane	20.000	17.478	12.6	116	0.00
32 M	1,1,1-Trichloroethane	20.000	18.182	9.1	121	0.00
33 M	Carbon Tetrachloride	20.000	17.806	11.0	125	0.00
34 M	Benzene	20.000	16.340	18.3	99	0.00
35	Methacrylonitrile	20.000	18.372	8.1	108	0.00
36 M	1,2-Dichloroethane	20.000	19.780	1.1	117	0.00
37 M	Trichloroethene	20.000	15.427	22.9	96	0.00
38	Methylcyclohexane	20.000	14.268	28.7#	127	0.00
39 M	1,2-Dichloropropane	20.000	16.568	17.2	100	0.00
40	Dibromomethane	20.000	17.632	11.8	105	0.00
41 M	Bromodichloromethane	20.000	18.745	6.3	115	0.00
42 M	Vinyl Acetate	100.000	87.666	12.3	107	0.00
43	Ethyl Acetate	20.000	17.837	10.8	108	0.00
44	Isopropyl Acetate	20.000	17.953	10.2	109	0.00
45 T	1,4-Dioxane	400.000	310.317	22.4	83	0.00
46	Methyl methacrylate	20.000	18.413	7.9	113	0.00
47	n-amyl Acetate	20.000	17.585	12.1	108	0.00
48 M	t-1,3-Dichloropropene	20.000	17.206	14.0	111	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036176.D
 Acq On : 15 Jun 2023 18:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 16 07:58:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 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)
49 T	cis-1,3-Dichloropropene	20.000	17.143	14.3	105	0.00
50 M	1,1,2-Trichloroethane	20.000	17.167	14.2	102	0.00
51	Ethyl methacrylate	20.000	17.710	11.4	109	0.00
52	1,3-Dichloropropane	20.000	17.951	10.2	105	0.00
53 M	Dibromochloromethane	20.000	17.917	10.4	113	0.00
54 M	1,2-Dibromoethane	20.000	17.607	12.0	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.744	7.3	104	0.00
56 M	Bromoform	20.000	17.641	11.8	120	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	119	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.789	8.2	108	0.00
59 M	2-Hexanone	100.000	90.571	9.4	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.793	-2.6	123	0.00
61 M	Tetrachloroethene	20.000	15.276	23.6	98	0.00
62 M	Toluene	20.000	16.213	18.9	100	0.00
63 S	Toluene-d8	30.000	29.315	2.3	117	0.00
64 M	Chlorobenzene	20.000	16.303	18.5	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	16.903	15.5	107	0.00
66 M	Ethyl Benzene	20.000	16.701	16.5	107	0.00
67 M	m/p-Xylenes	40.000	33.245	16.9	104	0.00
68 M	o-Xylene	20.000	16.634	16.8	102	0.00
69 M	Styrene	20.000	16.664	16.7	103	0.00
70	Isopropylbenzene	20.000	16.891	15.5	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.725	11.4	105	0.00
72	1,2,3-Trichloropropane	20.000	19.505	2.5	122	0.00
73	Bromobenzene	20.000	16.234	18.8	100	0.00
74	n-propylbenzene	20.000	16.488	17.6	107	0.00
75	2-Chlorotoluene	20.000	17.654	11.7	112	0.00
76	1,3,5-Trimethylbenzene	20.000	17.223	13.9	110	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.501	22.5	110	0.00
78	4-Chlorotoluene	20.000	17.969	10.2	113	0.00
79	tert-butylbenzene	20.000	16.604	17.0	109	0.00
80	1,2,4-Trimethylbenzene	20.000	17.441	12.8	110	0.00
81	sec-Butylbenzene	20.000	15.943	20.3	109	0.00
82	p-Isopropyltoluene	20.000	16.280	18.6	110	0.00
83 M	1,3-Dichlorobenzene	20.000	15.828	20.9	99	0.00
84 M	1,4-Dichlorobenzene	20.000	16.274	18.6	101	0.00
85	n-Butylbenzene	20.000	15.677	21.6	113	0.00
86 T	Hexachloroethane	20.000	15.440	22.8	117	0.00
87 M	1,2-Dichlorobenzene	20.000	16.623	16.9	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.666	1.7	126	0.00
89	1,2,4-Trichlorobenzene	20.000	15.311	23.4	99	0.00
90	Hexachlorobutadiene	20.000	14.507	27.5#	113	0.00
91 M	Naphthalene	20.000	16.271	18.6	100	0.00
92	1,2,3-Trichlorobenzene	20.000	15.378	23.1	98	0.00

(#) = Out of Range

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