

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043061.D
 Acq On : 16 Aug 2024 08:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 23:49:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 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	66	0.00
2 M	Dichlorodifluoromethane	50.000	21.390	57.2#	29	0.00
3 M	Chloromethane	50.000	19.069	61.9#	26	0.00
4 M	Vinyl Chloride	50.000	20.921	58.2#	28	0.00
5 M	Bromomethane	50.000	26.523	47.0#	36	0.00
6 M	Chloroethane	50.000	26.395	47.2#	35	0.00
7 M	Trichlorofluoromethane	50.000	27.286	45.4#	36	0.00
8 T	Diethyl Ether	50.000	25.314	49.4#	33	0.00
9	1,1,2-Trichlorotrifluoroeth	50.000	19.440	61.1#	26	0.00
10 M	1,1-Dichloroethene	50.000	19.322	61.4#	26	0.00
11	Methyl Iodide	50.000	18.007	64.0#	23	0.00
12	Methyl Acetate	50.000	18.628	62.7#	24	0.00
13 M	Acrolein	250.000	80.234	67.9#	21	0.00
14 M	Acrylonitrile	250.000	88.568	64.6#	23	0.00
15 M	Acetone	250.000	94.194	62.3#	26	0.00
16 M	Carbon Disulfide	50.000	17.416	65.2#	23	0.00
17	Allyl chloride	50.000	17.807	64.4#	23	0.00
18 M	Methylene Chloride	50.000	18.379	63.2#	24	0.00
19 M	trans-1,2-Dichloroethene	50.000	18.918	62.2#	25	0.00
20 T	Diisopropyl ether	50.000	18.460	63.1#	24	0.00
21 M	1,1-Dichloroethane	50.000	18.034	63.9#	24	0.00
22 M	cis-1,2-Dichloroethene	50.000	18.848	62.3#	25	0.00
23 M	tert-Butyl Alcohol	250.000	73.283	70.7#	19	0.00
24 M	Methyl tert-Butyl Ether	50.000	18.218	63.6#	24	0.00
25 M	Chloroform	50.000	18.481	63.0#	24	0.00
26	Cyclohexane	50.000	17.588	64.8#	23	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.300	9.0	59	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	61	0.00
29	1,1-Dichloropropene	50.000	19.581	60.8#	25	0.00
30 M	2-Butanone	250.000	94.816	62.1#	23	0.00
31	2,2-Dichloropropane	50.000	19.417	61.2#	24	0.00
32 M	1,1,1-Trichloroethane	50.000	19.538	60.9#	24	0.00
33 M	Carbon Tetrachloride	50.000	20.674	58.7#	25	0.00
34 M	Benzene	50.000	19.393	61.2#	24	0.00
35	Methacrylonitrile	50.000	18.071	63.9#	22	0.00
36 M	1,2-Dichloroethane	50.000	19.316	61.4#	24	0.00
37 M	Trichloroethene	50.000	20.228	59.5#	25	0.00
38	Methylcyclohexane	50.000	19.817	60.4#	25	0.00
39 M	1,2-Dichloropropane	50.000	18.973	62.1#	24	0.00
40	Dibromomethane	50.000	19.620	60.8#	24	0.00
41 M	Bromodichloromethane	50.000	19.582	60.8#	24	0.00
42 M	Vinyl Acetate	250.000	98.630	60.5#	23	0.00
43	Ethyl Acetate	50.000	17.162	65.7#	21	0.00
44	Isopropyl Acetate	50.000	18.467	63.1#	23	0.00
45 T	1,4-Dioxane	1000.000	367.818	63.2#	23	0.00
46	Methyl methacrylate	50.000	18.288	63.4#	23	0.00
47	n-amyl Acetate	50.000	17.772	64.5#	22	0.00
48 M	t-1,3-Dichloropropene	50.000	18.140	63.7#	22	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043061.D
 Acq On : 16 Aug 2024 08:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 23:49:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 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	50.000	18.957	62.1#	23	0.00
50 M	1,1,2-Trichloroethane	50.000	20.225	59.5#	25	0.00
51	Ethyl methacrylate	50.000	18.206	63.6#	23	0.00
52	1,3-Dichloropropane	50.000	19.574	60.9#	24	0.00
53 M	Dibromochloromethane	50.000	20.201	59.6#	25	0.00
54 M	1,2-Dibromoethane	50.000	19.824	60.4#	24	0.00
55 M	2-Chloroethyl vinyl ether	250.000	93.717	62.5#	23	0.00
56 M	Bromoform	50.000	19.520	61.0#	24	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	61	0.00
58 M	4-Methyl-2-Pentanone	250.000	96.743	61.3#	24	0.00
59 M	2-Hexanone	250.000	96.243	61.5#	23	0.00
60 S	4-Bromofluorobenzene	30.000	27.239	9.2	55	0.00
61 M	Tetrachloroethene	50.000	21.948	56.1#	27	0.00
62 M	Toluene	50.000	19.786	60.4#	25	0.00
63 S	Toluene-d8	30.000	29.682	1.1	60	0.00
64 M	Chlorobenzene	50.000	20.340	59.3#	25	0.00
65	1,1,1,2-Tetrachloroethane	50.000	20.643	58.7#	25	0.00
66 M	Ethyl Benzene	50.000	19.984	60.0#	25	0.00
67 M	m/p-Xylenes	100.000	41.120	58.9#	25	0.00
68 M	o-Xylene	50.000	20.480	59.0#	25	0.00
69 M	Styrene	50.000	20.121	59.8#	24	0.00
70	Isopropylbenzene	50.000	20.394	59.2#	25	0.00
71 M	1,1,2,2-Tetrachloroethane	50.000	19.288	61.4#	24	0.00
72	1,2,3-Trichloropropane	50.000	18.091	63.8#	23	0.00
73	Bromobenzene	50.000	21.378	57.2#	27	0.00
74	n-propylbenzene	50.000	20.139	59.7#	24	0.00
75	2-Chlorotoluene	50.000	19.698	60.6#	24	0.00
76	1,3,5-Trimethylbenzene	50.000	20.418	59.2#	25	0.00
77	t-1,4-Dichloro-2-butene	50.000	16.682	66.6#	21	0.00
78	4-Chlorotoluene	50.000	19.956	60.1#	24	0.00
79	tert-butylbenzene	50.000	20.914	58.2#	26	0.00
80	1,2,4-Trimethylbenzene	50.000	20.190	59.6#	25	0.00
81	sec-Butylbenzene	50.000	20.221	59.6#	25	0.00
82	p-Isopropyltoluene	50.000	20.434	59.1#	25	0.00
83 M	1,3-Dichlorobenzene	50.000	20.707	58.6#	25	0.00
84 M	1,4-Dichlorobenzene	50.000	20.763	58.5#	26	0.00
85	n-Butylbenzene	50.000	19.528	60.9#	24	0.00
86 T	Hexachloroethane	50.000	19.128	61.7#	24	0.00
87 M	1,2-Dichlorobenzene	50.000	20.908	58.2#	26	0.00
88	1,2-Dibromo-3-Chloropropane	50.000	16.296	67.4#	21	0.00
89	1,2,4-Trichlorobenzene	50.000	19.863	60.3#	24	0.00
90	Hexachlorobutadiene	50.000	22.169	55.7#	28	0.00
91 M	Naphthalene	50.000	19.114	61.8#	23	0.00
92	1,2,3-Trichlorobenzene	50.000	20.036	59.9#	25	0.00

(#) = Out of Range

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