

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041965.D
 Acq On : 20 Jun 2024 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 21 03:18:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	102	0.00
2 M	Dichlorodifluoromethane	1.942	1.756	9.6	91	0.00
3 M	Chloromethane	2.171	1.867	14.0	87	0.00
4 M	Vinyl Chloride	2.123	1.846	13.0	92	0.00
5 M	Bromomethane	1.135	0.927	18.3	87	0.00
6 M	Chloroethane	0.907	0.997	-9.9	113	0.00
7 M	Trichlorofluoromethane	2.674	2.684	-0.4	102	0.00
8 T	Diethyl Ether	1.157	1.052	9.1	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.818	1.678	7.7	97	0.00
10 M	1,1-Dichloroethene	1.833	1.630	11.1	94	0.00
11	Methyl Iodide	2.386	1.980	17.0	86	0.00
12	Methyl Acetate	2.338	2.435	-4.1	107	0.00
13 M	Acrolein	0.471	0.314	33.3#	72	0.00
14 M	Acrylonitrile	1.109	1.030	7.1	96	0.00
15 M	Acetone	0.317	0.266	16.1	84	0.00
16 M	Carbon Disulfide	4.018	3.498	12.9	102	0.00
17	Allyl chloride	2.784	2.498	10.3	92	0.00
18 M	Methylene Chloride	2.103	1.863	11.4	91	0.00
19 M	trans-1,2-Dichloroethene	1.837	1.642	10.6	95	0.00
20 T	Diisopropyl ether	5.723	5.224	8.7	95	0.00
21 M	1,1-Dichloroethane	3.269	2.953	9.7	95	0.00
22 M	cis-1,2-Dichloroethene	2.223	1.993	10.3	95	0.00
23 M	tert-Butyl Alcohol	0.412	0.365	11.4	90	-0.01
24 M	Methyl tert-Butyl Ether	5.671	5.125	9.6	95	0.00
25 M	Chloroform	3.322	3.050	8.2	96	0.00
26	Cyclohexane	2.840	2.508	11.7	94	0.00
27 s	1,2-Dichloroethane-d4	2.065	2.165	-4.8	109	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29	1,1-Dichloropropene	0.392	0.353	9.9	99	0.00
30 M	2-Butanone	0.262	0.237	9.5	92	0.00
31	2,2-Dichloropropane	0.429	0.363	15.4	93	0.00
32 M	1,1,1-Trichloroethane	0.496	0.446	10.1	98	0.00
33 M	Carbon Tetrachloride	0.428	0.386	9.8	98	0.00
34 M	Benzene	1.304	1.164	10.7	93	0.00
35	Methacrylonitrile	0.263	0.243	7.6	98	0.00
36 M	1,2-Dichloroethane	0.406	0.374	7.9	96	0.00
37 M	Trichloroethene	0.356	0.312	12.4	96	0.00
38	Methylcyclohexane	0.519	0.457	11.9	96	0.00
39 M	1,2-Dichloropropane	0.311	0.276	11.3	94	0.00
40	Dibromomethane	0.230	0.210	8.7	98	0.00
41 M	Bromodichloromethane	0.412	0.370	10.2	99	0.00
42 M	Vinyl Acetate	0.876	0.785	10.4	95	0.00
43	Ethyl Acetate	0.491	0.417	15.1	91	0.00
44	Isopropyl Acetate	0.735	0.661	10.1	96	0.00
45 T	1,4-Dioxane	0.009	0.007	22.2	82	0.00
46	Methyl methacrylate	0.359	0.320	10.9	94	0.00
47	n-amyl Acetate	0.659	0.574	12.9	96	0.00
48 M	t-1,3-Dichloropropene	0.424	0.361	14.9	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041965.D
 Acq On : 20 Jun 2024 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 21 03:18:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.418	12.2	96	0.00
50 M	1,1,2-Trichloroethane	0.334	0.304	9.0	96	0.00
51	Ethyl methacrylate	0.531	0.459	13.6	95	0.00
52	1,3-Dichloropropane	0.546	0.491	10.1	94	0.00
53 M	Dibromochloromethane	0.366	0.322	12.0	98	0.00
54 M	1,2-Dibromoethane	0.352	0.320	9.1	95	0.00
55 M	2-Chloroethyl vinyl ether	0.247	0.258	-4.5	106	0.00
56 M	Bromoform	0.298	0.256	14.1	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	0.538	0.491	8.7	94	0.00
59 M	2-Hexanone	0.415	0.380	8.4	95	0.00
60 S	4-Bromofluorobenzene	0.464	0.453	2.4	104	0.00
61 M	Tetrachloroethene	0.377	0.358	5.0	99	0.00
62 M	Toluene	1.518	1.347	11.3	94	0.00
63 S	Toluene-d8	1.284	1.283	0.1	105	0.00
64 M	Chlorobenzene	1.034	0.908	12.2	93	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.316	11.5	96	0.00
66 M	Ethyl Benzene	1.660	1.470	11.4	95	0.00
67 M	m/p-Xylenes	0.668	0.593	11.2	95	0.00
68 M	o-Xylene	0.666	0.579	13.1	92	0.00
69 M	Styrene	1.112	0.975	12.3	93	0.00
70	Isopropylbenzene	1.674	1.501	10.3	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.579	0.507	12.4	92	0.00
72	1,2,3-Trichloropropane	0.469	0.416	11.3	95	0.00
73	Bromobenzene	0.488	0.423	13.3	93	0.00
74	n-propylbenzene	1.838	1.653	10.1	97	0.00
75	2-Chlorotoluene	1.167	1.032	11.6	94	0.00
76	1,3,5-Trimethylbenzene	1.402	1.242	11.4	93	0.00
77	t-1,4-Dichloro-2-butene	0.174	0.131	24.7	90	0.00
78	4-Chlorotoluene	1.297	1.150	11.3	96	0.00
79	tert-butylbenzene	1.488	1.297	12.8	93	0.00
80	1,2,4-Trimethylbenzene	1.401	1.241	11.4	95	0.00
81	sec-Butylbenzene	1.736	1.545	11.0	96	0.00
82	p-Isopropyltoluene	1.521	1.360	10.6	97	0.00
83 M	1,3-Dichlorobenzene	0.870	0.755	13.2	94	0.00
84 M	1,4-Dichlorobenzene	0.866	0.755	12.8	96	0.00
85	n-Butylbenzene	1.176	1.033	12.2	100	0.00
86 T	Hexachloroethane	0.248	0.214	13.7	99	0.00
87 M	1,2-Dichlorobenzene	0.880	0.753	14.4	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.104	13.3	98	0.00
89	1,2,4-Trichlorobenzene	0.596	0.497	16.6	98	0.00
90	Hexachlorobutadiene	0.294	0.256	12.9	97	0.00
91 M	Naphthalene	1.800	1.525	15.3	95	0.00
92	1,2,3-Trichlorobenzene	0.617	0.523	15.2	96	0.00

(#) = Out of Range

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