

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036546.D
 Acq On : 13 Jul 2023 23:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 14 04:40:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	97	0.00
2 M	Dichlorodifluoromethane	1.676	1.319	21.3	73	0.00
3 M	Chloromethane	2.293	1.898	17.2	83	0.00
4 M	Vinyl Chloride	2.365	1.892	20.0	77	0.00
5 M	Bromomethane	2.422	1.894	21.8	76	0.00
6 M	Chloroethane	1.610	1.373	14.7	84	0.00
7 M	Trichlorofluoromethane	3.836	3.077	19.8	76	0.00
8 T	Diethyl Ether	1.594	1.456	8.7	100	0.00
9	1,1,2-Trichlorotrifluoroeth	1.737	1.343	22.7	77	0.00
10 M	1,1-Dichloroethene	1.756	1.432	18.5	82	0.00
11	Methyl Iodide	2.001	2.025	-1.2	118	0.00
12	Methyl Acetate	4.127	3.810	7.7	97	0.00
13 M	Acrolein	0.339	0.227	33.0#	78	0.00
14 M	Acrylonitrile	1.157	1.056	8.7	97	0.00
15 M	Acetone	0.327	0.293	10.4	94	0.00
16 M	Carbon Disulfide	4.259	3.474	18.4	86	0.00
17	Allyl chloride	3.114	2.665	14.4	91	0.00
18 M	Methylene Chloride	2.114	1.933	8.6	99	0.00
19 M	trans-1,2-Dichloroethene	1.919	1.658	13.6	90	0.00
20 T	Diisopropyl ether	6.347	6.000	5.5	100	0.00
21 M	1,1-Dichloroethane	3.701	3.325	10.2	94	0.00
22 M	cis-1,2-Dichloroethene	2.309	2.078	10.0	93	0.00
23 M	tert-Butyl Alcohol	0.537	0.433	19.4	88	0.00
24 M	Methyl tert-Butyl Ether	6.384	6.010	5.9	101	0.00
25 M	Chloroform	3.826	3.506	8.4	95	0.00
26	Cyclohexane	2.839	2.204	22.4	75	0.00
27 s	1,2-Dichloroethane-d4	2.490	2.372	4.7	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29	1,1-Dichloropropene	0.452	0.428	5.3	85	0.00
30 M	2-Butanone	0.285	0.286	-0.4	94	0.00
31	2,2-Dichloropropane	0.496	0.350	29.4#	67	0.00
32 M	1,1,1-Trichloroethane	0.538	0.506	5.9	85	0.00
33 M	Carbon Tetrachloride	0.459	0.410	10.7	82	0.00
34 M	Benzene	1.394	1.407	-0.9	93	0.00
35	Methacrylonitrile	0.296	0.309	-4.4	100	0.00
36 M	1,2-Dichloroethane	0.535	0.564	-5.4	100	0.00
37 M	Trichloroethene	0.367	0.361	1.6	91	0.00
38	Methylcyclohexane	0.526	0.424	19.4	71	0.00
39 M	1,2-Dichloropropane	0.378	0.385	-1.9	96	0.00
40	Dibromomethane	0.274	0.282	-2.9	100	0.00
41 M	Bromodichloromethane	0.497	0.498	-0.2	97	0.00
42 M	Vinyl Acetate	0.860	0.900	-4.7	100	0.00
43	Ethyl Acetate	0.554	0.585	-5.6	102	0.00
44	Isopropyl Acetate	0.884	0.918	-3.8	99	0.00
45 T	1,4-Dioxane	0.010	0.009	10.0	88	0.00
46	Methyl methacrylate	0.423	0.430	-1.7	100	0.00
47	n-amyl Acetate	0.750	0.758	-1.1	98	0.00
48 M	t-1,3-Dichloropropene	0.545	0.501	8.1	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036546.D
 Acq On : 13 Jul 2023 23:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 14 04:40:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.589	0.569	3.4	93	0.00
50 M	1,1,2-Trichloroethane	0.372	0.402	-8.1	101	0.00
51	Ethyl methacrylate	0.584	0.610	-4.5	100	0.00
52	1,3-Dichloropropane	0.627	0.666	-6.2	98	0.00
53 M	Dibromochloromethane	0.375	0.372	0.8	97	0.00
54 M	1,2-Dibromoethane	0.390	0.415	-6.4	101	0.00
55 M	2-Chloroethyl vinyl ether	0.314	0.328	-4.5	97	0.00
56 M	Bromoform	0.261	0.249	4.6	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.620	0.635	-2.4	97	0.00
59 M	2-Hexanone	0.472	0.477	-1.1	96	0.00
60 S	4-Bromofluorobenzene	0.487	0.499	-2.5	92	0.00
61 M	Tetrachloroethene	0.359	0.333	7.2	84	0.00
62 M	Toluene	1.683	1.682	0.1	93	0.00
63 S	Toluene-d8	1.380	1.390	-0.7	90	0.00
64 M	Chlorobenzene	1.048	1.042	0.6	94	0.00
65	1,1,1,2-Tetrachloroethane	0.378	0.376	0.5	96	0.00
66 M	Ethyl Benzene	1.829	1.763	3.6	90	0.00
67 M	m/p-Xylenes	0.713	0.677	5.0	88	0.00
68 M	o-Xylene	0.708	0.699	1.3	92	0.00
69 M	Styrene	1.148	1.132	1.4	93	0.00
70	Isopropylbenzene	1.763	1.651	6.4	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.643	0.663	-3.1	100	0.00
72	1,2,3-Trichloropropane	0.596	0.602	-1.0	97	0.00
73	Bromobenzene	0.436	0.431	1.1	95	0.00
74	n-propylbenzene	2.075	1.900	8.4	85	0.00
75	2-Chlorotoluene	1.262	1.230	2.5	89	0.00
76	1,3,5-Trimethylbenzene	1.515	1.428	5.7	87	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.154	21.4	83	0.00
78	4-Chlorotoluene	1.437	1.378	4.1	91	0.00
79	tert-butylbenzene	1.438	1.297	9.8	84	0.00
80	1,2,4-Trimethylbenzene	1.501	1.429	4.8	89	0.00
81	sec-Butylbenzene	1.810	1.611	11.0	81	0.00
82	p-Isopropyltoluene	1.506	1.350	10.4	82	0.00
83 M	1,3-Dichlorobenzene	0.811	0.766	5.5	89	0.00
84 M	1,4-Dichlorobenzene	0.808	0.767	5.1	91	0.00
85	n-Butylbenzene	1.371	1.132	17.4	78	0.00
86 T	Hexachloroethane	0.249	0.204	18.1	83	0.00
87 M	1,2-Dichlorobenzene	0.813	0.797	2.0	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.129	11.0	88	0.00
89	1,2,4-Trichlorobenzene	0.513	0.468	8.8	89	0.00
90	Hexachlorobutadiene	0.186	0.154	17.2	73	0.00
91 M	Naphthalene	1.799	1.765	1.9	96	0.00
92	1,2,3-Trichlorobenzene	0.518	0.482	6.9	90	0.00

(#) = Out of Range

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