

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033217.D
 Acq On : 05 Dec 2022 11:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 06 05:39:53 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 M	Dichlorodifluoromethane	2.655	2.321	12.6	75	0.00
3 M	Chloromethane	2.635	2.499	5.2	83	0.00
4 M	Vinyl Chloride	2.979	2.899	2.7	85	0.00
5 M	Bromomethane	2.645	2.035	23.1	70	0.00
6 M	Chloroethane	2.353	2.406	-2.3	93	0.00
7 M	Trichlorofluoromethane	5.743	5.987	-4.2	92	0.00
8 T	Diethyl Ether	1.857	1.998	-7.6	96	0.00
9	1,1,2-Trichlorotrifluoroeth	3.055	3.046	0.3	89	0.00
10 M	1,1-Dichloroethene	2.918	2.785	4.6	86	0.00
11	Methyl Iodide	3.138	2.967	5.4	93	0.00
12	Methyl Acetate	4.323	3.985	7.8	82	0.00
13 M	Acrolein	0.576	0.597	-3.6	98	0.00
14 M	Acrylonitrile	1.550	1.470	5.2	87	0.00
15 M	Acetone	0.403	0.476	-18.1	105	0.00
16 M	Carbon Disulfide	7.265	7.755	-6.7	99	0.00
17	Allyl chloride	4.637	4.573	1.4	91	0.00
18 M	Methylene Chloride	3.366	3.208	4.7	86	0.00
19 M	trans-1,2-Dichloroethene	3.215	3.091	3.9	88	0.00
20 T	Diisopropyl ether	10.398	9.839	5.4	88	0.00
21 M	1,1-Dichloroethane	5.837	5.672	2.8	87	0.00
22 M	cis-1,2-Dichloroethene	3.754	3.632	3.2	89	0.00
23 M	tert-Butyl Alcohol	0.503	0.503	0.0	82	0.01
24 M	Methyl tert-Butyl Ether	10.450	9.775	6.5	87	0.00
25 M	Chloroform	6.510	6.287	3.4	89	0.00
26	Cyclohexane	5.098	4.853	4.8	88	0.00
27 s	1,2-Dichloroethane-d4	2.894	2.829	2.2	90	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.665	0.656	1.4	88	0.00
30 M	2-Butanone	0.310	0.319	-2.9	92	0.00
31	2,2-Dichloropropane	0.569	0.668	-17.4	105	0.00
32 M	1,1,1-Trichloroethane	0.837	0.848	-1.3	91	0.00
33 M	Carbon Tetrachloride	0.735	0.782	-6.4	97	-0.01
34 M	Benzene	1.875	1.880	-0.3	89	0.00
35	Methacrylonitrile	0.351	0.321	8.5	83	-0.01
36 M	1,2-Dichloroethane	0.772	0.783	-1.4	89	0.00
37 M	Trichloroethene	0.524	0.526	-0.4	89	0.00
38	Methylcyclohexane	0.745	0.762	-2.3	91	0.00
39 M	1,2-Dichloropropane	0.475	0.471	0.8	89	0.00
40	Dibromomethane	0.362	0.373	-3.0	91	0.00
41 M	Bromodichloromethane	0.691	0.775	-12.2	102	0.00
42 M	Vinyl Acetate	1.192	1.091	8.5	83	0.00
43	Ethyl Acetate	0.624	0.581	6.9	81	0.00
44	Isopropyl Acetate	1.046	0.977	6.6	85	0.00
45 T	1,4-Dioxane	0.010	0.011	-10.0	96	0.02
46	Methyl methacrylate	0.526	0.476	9.5	82	0.00
47	n-amyl Acetate	0.930	0.823	11.5	80	0.00
48 M	t-1,3-Dichloropropene	0.708	0.749	-5.8	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033217.D
 Acq On : 05 Dec 2022 11:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 06 05:39:53 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.748	0.794	-6.1	98	0.00
50 M	1,1,2-Trichloroethane	0.498	0.513	-3.0	94	0.00
51	Ethyl methacrylate	0.744	0.666	10.5	81	0.00
52	1,3-Dichloropropane	0.814	0.847	-4.1	92	0.00
53 M	Dibromochloromethane	0.542	0.623	-14.9	107	0.00
54 M	1,2-Dibromoethane	0.537	0.550	-2.4	94	0.00
55 M	2-Chloroethyl vinyl ether	0.360	0.313	13.1	79	0.00
56 M	Bromoform	0.388	0.474	-22.2	116	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.587	0.562	4.3	84	0.00
59 M	2-Hexanone	0.432	0.419	3.0	85	0.00
60 S	4-Bromofluorobenzene	0.574	0.578	-0.7	94	0.00
61 M	Tetrachloroethene	0.419	0.430	-2.6	95	0.00
62 M	Toluene	1.951	1.952	-0.1	91	0.00
63 S	Toluene-d8	1.012	1.001	1.1	90	0.00
64 M	Chlorobenzene	1.206	1.232	-2.2	93	0.00
65	1,1,1,2-Tetrachloroethane	0.459	0.485	-5.7	96	0.00
66 M	Ethyl Benzene	2.189	2.198	-0.4	92	0.00
67 M	m/p-Xylenes	0.852	0.860	-0.9	93	0.00
68 M	o-Xylene	0.836	0.837	-0.1	92	0.00
69 M	Styrene	1.389	1.428	-2.8	94	0.00
70	Isopropylbenzene	2.231	2.318	-3.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.677	0.707	-4.4	94	0.00
72	1,2,3-Trichloropropane	0.588	0.579	1.5	86	0.00
73	Bromobenzene	0.542	0.558	-3.0	94	0.00
74	n-propylbenzene	2.535	2.641	-4.2	95	0.00
75	2-Chlorotoluene	1.535	1.584	-3.2	94	0.00
76	1,3,5-Trimethylbenzene	1.886	1.943	-3.0	94	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.208	-16.2	113	0.00
78	4-Chlorotoluene	1.768	1.847	-4.5	96	0.00
79	tert-butylbenzene	1.833	1.906	-4.0	96	0.00
80	1,2,4-Trimethylbenzene	1.844	1.907	-3.4	93	0.00
81	sec-Butylbenzene	2.207	2.344	-6.2	97	0.00
82	p-Isopropyltoluene	1.860	1.961	-5.4	96	0.00
83 M	1,3-Dichlorobenzene	0.995	1.054	-5.9	96	0.00
84 M	1,4-Dichlorobenzene	0.999	1.056	-5.7	96	0.00
85	n-Butylbenzene	1.576	1.655	-5.0	97	0.00
86 T	Hexachloroethane	0.305	0.375	-23.0	118	0.00
87 M	1,2-Dichlorobenzene	0.989	1.050	-6.2	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.144	0.149	-3.5	100	0.00
89	1,2,4-Trichlorobenzene	0.607	0.625	-3.0	96	0.00
90	Hexachlorobutadiene	0.244	0.277	-13.5	105	0.00
91 M	Naphthalene	2.049	2.025	1.2	90	0.00
92	1,2,3-Trichlorobenzene	0.611	0.625	-2.3	92	0.00

(#) = Out of Range

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