

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034788.D
 Acq On : 28 Mar 2023 13:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 15:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	95	0.00
2 M	Dichlorodifluoromethane	2.845	2.678	5.9	96	0.00
3 M	Chloromethane	3.689	3.782	-2.5	97	0.00
4 M	Vinyl Chloride	3.640	3.662	-0.6	99	0.00
5 M	Bromomethane	2.394	2.545	-6.3	102	0.00
6 M	Chloroethane	2.369	2.377	-0.3	100	0.00
7 M	Trichlorofluoromethane	5.798	5.570	3.9	98	0.00
8 T	Diethyl Ether	2.087	2.187	-4.8	101	0.00
9	1,1,2-Trichlorotrifluoroeth	2.942	2.733	7.1	96	0.00
10 M	1,1-Dichloroethene	2.978	2.770	7.0	95	0.00
11	Methyl Iodide	3.792	3.572	5.8	97	0.00
12	Methyl Acetate	6.594	6.656	-0.9	99	0.00
13 M	Acrolein	0.765	0.764	0.1	95	0.00
14 M	Acrylonitrile	1.816	1.843	-1.5	98	0.00
15 M	Acetone	0.493	0.501	-1.6	99	0.00
16 M	Carbon Disulfide	7.617	6.566	13.8	92	0.00
17	Allyl chloride	5.762	5.531	4.0	97	0.00
18 M	Methylene Chloride	3.508	3.407	2.9	95	0.00
19 M	trans-1,2-Dichloroethene	3.258	3.118	4.3	98	0.00
20 T	Diisopropyl ether	11.805	11.900	-0.8	98	0.00
21 M	1,1-Dichloroethane	6.312	6.133	2.8	97	0.00
22 M	cis-1,2-Dichloroethene	3.795	3.700	2.5	97	0.00
23 M	tert-Butyl Alcohol	0.817	0.736	9.9	88	0.02
24 M	Methyl tert-Butyl Ether	11.066	10.983	0.8	98	0.00
25 M	Chloroform	6.420	6.269	2.4	99	0.00
26	Cyclohexane	5.532	4.923	11.0	94	0.00
27 s	1,2-Dichloroethane-d4	2.883	2.913	-1.0	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.690	0.646	6.4	98	0.00
30 M	2-Butanone	0.385	0.396	-2.9	99	0.00
31	2,2-Dichloropropane	0.700	0.663	5.3	98	0.00
32 M	1,1,1-Trichloroethane	0.809	0.732	9.5	93	0.00
33 M	Carbon Tetrachloride	0.668	0.592	11.4	94	0.00
34 M	Benzene	2.005	1.970	1.7	96	0.00
35	Methacrylonitrile	0.421	0.420	0.2	98	0.00
36 M	1,2-Dichloroethane	0.786	0.795	-1.1	101	0.00
37 M	Trichloroethene	0.510	0.482	5.5	96	0.00
38	Methylcyclohexane	0.754	0.693	8.1	95	0.00
39 M	1,2-Dichloropropane	0.521	0.516	1.0	98	0.00
40	Dibromomethane	0.358	0.357	0.3	97	0.00
41 M	Bromodichloromethane	0.674	0.640	5.0	96	0.00
42 M	Vinyl Acetate	1.255	1.280	-2.0	98	0.00
43	Ethyl Acetate	0.746	0.750	-0.5	96	0.00
44	Isopropyl Acetate	1.263	1.251	1.0	97	0.00
45 T	1,4-Dioxane	0.013	0.013	0.0	98	0.02
46	Methyl methacrylate	0.616	0.606	1.6	98	0.00
47	n-amyl Acetate	1.098	1.049	4.5	96	0.00
48 M	t-1,3-Dichloropropene	0.735	0.676	8.0	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.807	0.760	5.8	96	0.00
50 M	1,1,2-Trichloroethane	0.499	0.511	-2.4	102	0.00
51	Ethyl methacrylate	0.810	0.786	3.0	97	0.00
52	1,3-Dichloropropane	0.881	0.890	-1.0	99	0.00
53 M	Dibromochloromethane	0.493	0.455	7.7	96	0.00
54 M	1,2-Dibromoethane	0.534	0.528	1.1	99	0.00
55 M	2-Chloroethyl vinyl ether	0.426	0.455	-6.8	102	0.00
56 M	Bromoform	0.340	0.290	14.7	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.688	0.729	-6.0	99	0.00
59 M	2-Hexanone	0.518	0.547	-5.6	100	0.00
60 S	4-Bromofluorobenzene	0.599	0.569	5.0	95	0.00
61 M	Tetrachloroethene	0.404	0.385	4.7	98	0.00
62 M	Toluene	1.962	1.888	3.8	95	0.00
63 S	Toluene-d8	1.020	1.019	0.1	96	0.00
64 M	Chlorobenzene	1.208	1.152	4.6	95	0.00
65	1,1,1,2-Tetrachloroethane	0.432	0.413	4.4	96	0.00
66 M	Ethyl Benzene	2.185	2.085	4.6	96	0.00
67 M	m/p-Xylenes	0.831	0.792	4.7	97	0.00
68 M	o-Xylene	0.822	0.781	5.0	95	0.00
69 M	Styrene	1.355	1.261	6.9	95	0.00
70	Isopropylbenzene	2.128	1.970	7.4	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.699	0.708	-1.3	97	0.00
72	1,2,3-Trichloropropane	0.637	0.582	8.6	88	0.00
73	Bromobenzene	0.511	0.497	2.7	98	0.00
74	n-propylbenzene	2.477	2.271	8.3	95	0.00
75	2-Chlorotoluene	1.544	1.422	7.9	95	0.00
76	1,3,5-Trimethylbenzene	1.791	1.647	8.0	95	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.162	17.3	94	0.00
78	4-Chlorotoluene	1.770	1.623	8.3	96	0.00
79	tert-butylbenzene	1.710	1.564	8.5	95	0.00
80	1,2,4-Trimethylbenzene	1.780	1.653	7.1	96	0.00
81	sec-Butylbenzene	2.072	1.878	9.4	95	0.00
82	p-Isopropyltoluene	1.748	1.558	10.9	94	0.00
83 M	1,3-Dichlorobenzene	0.965	0.903	6.4	96	0.00
84 M	1,4-Dichlorobenzene	0.969	0.894	7.7	95	0.00
85	n-Butylbenzene	1.507	1.333	11.5	96	0.00
86 T	Hexachloroethane	0.286	0.229	19.9	94	0.00
87 M	1,2-Dichlorobenzene	0.944	0.900	4.7	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.153	0.139	9.2	99	0.00
89	1,2,4-Trichlorobenzene	0.566	0.516	8.8	95	0.00
90	Hexachlorobutadiene	0.218	0.190	12.8	91	0.00
91 M	Naphthalene	2.001	1.943	2.9	96	0.00
92	1,2,3-Trichlorobenzene	0.566	0.538	4.9	96	0.00

(#) = Out of Range

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