

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039030.D
 Acq On : 27 Nov 2023 10:21
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 28 01:09:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 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	98	0.00
2 M	Dichlorodifluoromethane	4.490	4.462	0.6	96	0.00
3 M	Chloromethane	5.141	4.988	3.0	96	0.00
4 M	Vinyl Chloride	5.191	5.132	1.1	97	0.00
5 M	Bromomethane	3.175	3.578	-12.7	98	0.00
6 M	Chloroethane	3.023	3.091	-2.2	96	0.00
7 M	Trichlorofluoromethane	7.164	7.321	-2.2	99	0.00
8 T	Diethyl Ether	2.750	2.731	0.7	97	0.00
9	1,1,2-Trichlorotrifluoroeth	4.048	4.137	-2.2	102	0.00
10 M	1,1-Dichloroethene	4.081	4.153	-1.8	101	0.00
11	Methyl Iodide	4.472	4.381	2.0	105	0.00
12	Methyl Acetate	12.727	12.248	3.8	96	0.00
13 M	Acrolein	1.115	1.234	-10.7	114	0.00
14 M	Acrylonitrile	3.113	3.076	1.2	98	0.00
15 M	Acetone	1.131	1.316	-16.4	101	0.00
16 M	Carbon Disulfide	12.359	11.895	3.8	96	0.00
17	Allyl chloride	8.101	7.969	1.6	97	0.00
18 M	Methylene Chloride	4.837	4.770	1.4	100	0.00
19 M	trans-1,2-Dichloroethene	4.615	4.511	2.3	99	0.00
20 T	Diisopropyl ether	15.416	15.148	1.7	97	0.00
21 M	1,1-Dichloroethane	8.571	8.412	1.9	98	0.00
22 M	cis-1,2-Dichloroethene	5.349	5.208	2.6	96	0.00
23 M	tert-Butyl Alcohol	1.723	1.575	8.6	94	0.00
24 M	Methyl tert-Butyl Ether	15.032	14.946	0.6	99	0.00
25 M	Chloroform	8.603	8.545	0.7	99	0.00
26	Cyclohexane	7.758	7.583	2.3	97	0.00
27 s	1,2-Dichloroethane-d4	4.104	4.173	-1.7	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.841	0.808	3.9	97	0.00
30 M	2-Butanone	0.633	0.641	-1.3	99	0.00
31	2,2-Dichloropropane	0.962	0.960	0.2	99	0.00
32 M	1,1,1-Trichloroethane	0.972	0.955	1.7	98	0.00
33 M	Carbon Tetrachloride	0.819	0.801	2.2	98	0.00
34 M	Benzene	2.450	2.360	3.7	97	0.00
35	Methacrylonitrile	0.561	0.510	9.1	94	-0.01
36 M	1,2-Dichloroethane	0.899	0.892	0.8	99	0.00
37 M	Trichloroethene	0.622	0.607	2.4	98	0.00
38	Methylcyclohexane	1.048	1.045	0.3	99	0.00
39 M	1,2-Dichloropropane	0.646	0.630	2.5	101	0.00
40	Dibromomethane	0.457	0.446	2.4	99	0.00
41 M	Bromodichloromethane	0.877	0.858	2.2	98	0.00
42 M	Vinyl Acetate	1.508	1.496	0.8	99	0.00
43	Ethyl Acetate	1.089	1.059	2.8	97	0.00
44	Isopropyl Acetate	1.717	1.709	0.5	102	0.00
45 T	1,4-Dioxane	0.018	0.016	11.1	98	0.00
46	Methyl methacrylate	0.982	0.934	4.9	97	0.00
47	n-amyl Acetate	1.453	1.373	5.5	100	0.00
48 M	t-1,3-Dichloropropene	1.017	0.977	3.9	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	1.049	1.011	3.6	97	0.00
50 M	1,1,2-Trichloroethane	0.620	0.612	1.3	99	0.00
51	Ethyl methacrylate	0.776	0.750	3.4	101	0.00
52	1,3-Dichloropropane	1.063	1.026	3.5	97	0.00
53 M	Dibromochloromethane	0.666	0.646	3.0	97	0.00
54 M	1,2-Dibromoethane	0.680	0.649	4.6	97	0.00
55 M	2-Chloroethyl vinyl ether	0.492	0.441	10.4	95	0.00
56 M	Bromoform	0.481	0.460	4.4	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.910	0.888	2.4	97	0.00
59 M	2-Hexanone	0.747	0.743	0.5	99	0.00
60 S	4-Bromofluorobenzene	0.655	0.642	2.0	98	0.00
61 M	Tetrachloroethene	0.390	0.388	0.5	97	0.00
62 M	Toluene	2.130	2.085	2.1	98	0.00
63 S	Toluene-d8	1.186	1.173	1.1	97	0.00
64 M	Chlorobenzene	1.296	1.254	3.2	98	0.00
65	1,1,1,2-Tetrachloroethane	0.467	0.456	2.4	97	0.00
66 M	Ethyl Benzene	2.425	2.357	2.8	97	0.00
67 M	m/p-Xylenes	0.896	0.874	2.5	98	0.00
68 M	o-Xylene	0.868	0.843	2.9	98	0.00
69 M	Styrene	1.285	1.229	4.4	97	0.00
70	Isopropylbenzene	2.323	2.276	2.0	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.867	0.838	3.3	98	0.00
72	1,2,3-Trichloropropane	0.734	0.736	-0.3	100	0.00
73	Bromobenzene	0.529	0.513	3.0	100	0.00
74	n-propylbenzene	2.846	2.766	2.8	97	0.00
75	2-Chlorotoluene	1.670	1.634	2.2	99	0.00
76	1,3,5-Trimethylbenzene	2.001	1.966	1.7	99	0.00
77	t-1,4-Dichloro-2-butene	0.291	0.278	4.5	102	0.00
78	4-Chlorotoluene	1.963	1.905	3.0	97	0.00
79	tert-butylbenzene	1.903	1.850	2.8	97	0.00
80	1,2,4-Trimethylbenzene	2.003	1.956	2.3	98	0.00
81	sec-Butylbenzene	2.405	2.363	1.7	100	0.00
82	p-Isopropyltoluene	2.039	1.981	2.8	98	0.00
83 M	1,3-Dichlorobenzene	1.012	0.994	1.8	101	0.00
84 M	1,4-Dichlorobenzene	1.038	1.012	2.5	99	0.00
85	n-Butylbenzene	2.013	1.941	3.6	99	0.00
86 T	Hexachloroethane	0.386	0.370	4.1	98	0.00
87 M	1,2-Dichlorobenzene	0.973	0.943	3.1	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.222	0.215	3.2	98	0.00
89	1,2,4-Trichlorobenzene	0.645	0.625	3.1	98	0.00
90	Hexachlorobutadiene	0.230	0.223	3.0	97	0.00
91 M	Naphthalene	2.379	2.237	6.0	97	0.00
92	1,2,3-Trichlorobenzene	0.625	0.612	2.1	99	0.00

(#) = Out of Range

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