

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036559.D
 Acq On : 14 Jul 2023 16:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 17 01:29:59 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	93	0.00
2 M	Dichlorodifluoromethane	1.676	1.464	12.6	78	0.00
3 M	Chloromethane	2.293	2.075	9.5	87	0.00
4 M	Vinyl Chloride	2.365	2.106	11.0	82	0.00
5 M	Bromomethane	2.422	1.886	22.1	73	0.00
6 M	Chloroethane	1.610	1.649	-2.4	97	0.00
7 M	Trichlorofluoromethane	3.836	3.460	9.8	82	0.00
8 T	Diethyl Ether	1.594	1.492	6.4	98	0.00
9	1,1,2-Trichlorotrifluoroeth	1.737	1.561	10.1	86	0.00
10 M	1,1-Dichloroethene	1.756	1.541	12.2	85	0.00
11	Methyl Iodide	2.001	1.643	17.9	92	0.00
12	Methyl Acetate	4.127	3.864	6.4	95	0.00
13 M	Acrolein	0.339	0.241	28.9#	79	0.00
14 M	Acrylonitrile	1.157	1.114	3.7	97	0.00
15 M	Acetone	0.327	0.311	4.9	95	0.00
16 M	Carbon Disulfide	4.259	3.577	16.0	85	0.00
17	Allyl chloride	3.114	2.802	10.0	92	0.00
18 M	Methylene Chloride	2.114	2.015	4.7	99	0.00
19 M	trans-1,2-Dichloroethene	1.919	1.710	10.9	88	0.00
20 T	Diisopropyl ether	6.347	6.181	2.6	98	0.00
21 M	1,1-Dichloroethane	3.701	3.490	5.7	95	0.00
22 M	cis-1,2-Dichloroethene	2.309	2.161	6.4	93	0.00
23 M	tert-Butyl Alcohol	0.537	0.433	19.4	84	0.01
24 M	Methyl tert-Butyl Ether	6.384	6.312	1.1	101	0.00
25 M	Chloroform	3.826	3.669	4.1	96	0.00
26	Cyclohexane	2.839	2.506	11.7	82	0.00
27 s	1,2-Dichloroethane-d4	2.490	2.473	0.7	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29	1,1-Dichloropropene	0.452	0.441	2.4	88	0.00
30 M	2-Butanone	0.285	0.280	1.8	93	0.00
31	2,2-Dichloropropane	0.496	0.471	5.0	91	0.00
32 M	1,1,1-Trichloroethane	0.538	0.525	2.4	89	-0.01
33 M	Carbon Tetrachloride	0.459	0.430	6.3	87	0.00
34 M	Benzene	1.394	1.391	0.2	93	0.00
35	Methacrylonitrile	0.296	0.303	-2.4	99	0.00
36 M	1,2-Dichloroethane	0.535	0.549	-2.6	98	-0.01
37 M	Trichloroethene	0.367	0.349	4.9	89	0.00
38	Methylcyclohexane	0.526	0.496	5.7	84	0.00
39 M	1,2-Dichloropropane	0.378	0.379	-0.3	96	0.00
40	Dibromomethane	0.274	0.272	0.7	97	0.00
41 M	Bromodichloromethane	0.497	0.503	-1.2	99	0.00
42 M	Vinyl Acetate	0.860	0.891	-3.6	100	0.00
43	Ethyl Acetate	0.554	0.566	-2.2	100	0.00
44	Isopropyl Acetate	0.884	0.905	-2.4	98	0.00
45 T	1,4-Dioxane	0.010	0.009	10.0	87	0.01
46	Methyl methacrylate	0.423	0.432	-2.1	101	0.00
47	n-amyl Acetate	0.750	0.778	-3.7	101	0.00
48 M	t-1,3-Dichloropropene	0.545	0.531	2.6	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.589	0.574	2.5	95	0.00
50 M	1,1,2-Trichloroethane	0.372	0.375	-0.8	95	0.00
51	Ethyl methacrylate	0.584	0.594	-1.7	98	0.00
52	1,3-Dichloropropane	0.627	0.654	-4.3	98	0.00
53 M	Dibromochloromethane	0.375	0.369	1.6	97	0.00
54 M	1,2-Dibromoethane	0.390	0.400	-2.6	98	0.00
55 M	2-Chloroethyl vinyl ether	0.314	0.315	-0.3	94	0.00
56 M	Bromoform	0.261	0.247	5.4	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.620	0.613	1.1	97	0.00
59 M	2-Hexanone	0.472	0.460	2.5	96	0.00
60 S	4-Bromofluorobenzene	0.487	0.482	1.0	92	0.00
61 M	Tetrachloroethene	0.359	0.315	12.3	83	0.00
62 M	Toluene	1.683	1.610	4.3	93	0.00
63 S	Toluene-d8	1.380	1.337	3.1	89	0.00
64 M	Chlorobenzene	1.048	1.007	3.9	95	0.00
65	1,1,1,2-Tetrachloroethane	0.378	0.360	4.8	95	0.00
66 M	Ethyl Benzene	1.829	1.727	5.6	91	0.00
67 M	m/p-Xylenes	0.713	0.680	4.6	92	0.00
68 M	o-Xylene	0.708	0.676	4.5	92	0.00
69 M	Styrene	1.148	1.102	4.0	94	0.00
70	Isopropylbenzene	1.763	1.649	6.5	89	0.00
71 M	1,1,2,2-Tetrachloroethane	0.643	0.650	-1.1	102	0.00
72	1,2,3-Trichloropropane	0.596	0.614	-3.0	103	0.00
73	Bromobenzene	0.436	0.424	2.8	97	0.00
74	n-propylbenzene	2.075	1.961	5.5	92	0.00
75	2-Chlorotoluene	1.262	1.209	4.2	91	0.00
76	1,3,5-Trimethylbenzene	1.515	1.425	5.9	90	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.165	15.8	93	0.00
78	4-Chlorotoluene	1.437	1.369	4.7	94	0.00
79	tert-butylbenzene	1.438	1.309	9.0	89	0.00
80	1,2,4-Trimethylbenzene	1.501	1.435	4.4	93	0.00
81	sec-Butylbenzene	1.810	1.647	9.0	86	0.00
82	p-Isopropyltoluene	1.506	1.414	6.1	89	0.00
83 M	1,3-Dichlorobenzene	0.811	0.765	5.7	93	0.00
84 M	1,4-Dichlorobenzene	0.808	0.780	3.5	97	0.00
85	n-Butylbenzene	1.371	1.216	11.3	87	0.00
86 T	Hexachloroethane	0.249	0.215	13.7	91	0.00
87 M	1,2-Dichlorobenzene	0.813	0.777	4.4	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.136	6.2	96	0.00
89	1,2,4-Trichlorobenzene	0.513	0.468	8.8	93	0.00
90	Hexachlorobutadiene	0.186	0.162	12.9	80	0.00
91 M	Naphthalene	1.799	1.740	3.3	98	0.00
92	1,2,3-Trichlorobenzene	0.518	0.465	10.2	90	0.00

(#) = Out of Range

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