

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033785.D
 Acq On : 18 Jan 2023 19:47
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 19 03:34:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 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	2.748	2.806	-2.1	90	0.00
3 M	Chloromethane	3.091	3.277	-6.0	96	0.00
4 M	Vinyl Chloride	3.034	3.196	-5.3	94	0.00
5 M	Bromomethane	1.956	1.721	12.0	82	0.00
6 M	Chloroethane	1.623	1.811	-11.6	95	0.00
7 M	Trichlorofluoromethane	4.485	4.638	-3.4	92	0.00
8 T	Diethyl Ether	1.691	1.721	-1.8	93	0.00
9	1,1,2-Trichlorotrifluoroeth	2.714	2.758	-1.6	90	0.00
10 M	1,1-Dichloroethene	2.666	2.802	-5.1	94	0.00
11	Methyl Iodide	4.022	3.373	16.1	77	0.00
12	Methyl Acetate	4.653	5.226	-12.3	101	0.00
13 M	Acrolein	0.520	0.393	24.4	78	0.00
14 M	Acrylonitrile	1.516	1.647	-8.6	96	0.00
15 M	Acetone	0.456	0.455	0.2	89	0.00
16 M	Carbon Disulfide	6.536	6.628	-1.4	95	0.00
17	Allyl chloride	4.812	4.984	-3.6	92	0.00
18 M	Methylene Chloride	3.002	3.201	-6.6	95	0.00
19 M	trans-1,2-Dichloroethene	2.870	3.012	-4.9	93	0.00
20 T	Diisopropyl ether	9.434	10.071	-6.8	95	0.00
21 M	1,1-Dichloroethane	5.162	5.479	-6.1	95	0.00
22 M	cis-1,2-Dichloroethene	3.373	3.527	-4.6	94	0.00
23 M	tert-Butyl Alcohol	0.524	0.514	1.9	85	-0.02
24 M	Methyl tert-Butyl Ether	8.828	9.263	-4.9	96	0.00
25 M	Chloroform	5.192	5.609	-8.0	97	0.00
26	Cyclohexane	4.704	4.785	-1.7	91	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.322	0.0	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.576	0.592	-2.8	93	0.00
30 M	2-Butanone	0.318	0.334	-5.0	94	0.00
31	2,2-Dichloropropane	0.547	0.516	5.7	88	0.00
32 M	1,1,1-Trichloroethane	0.664	0.675	-1.7	93	0.00
33 M	Carbon Tetrachloride	0.594	0.598	-0.7	91	0.00
34 M	Benzene	1.710	1.804	-5.5	93	0.00
35	Methacrylonitrile	0.347	0.368	-6.1	95	0.00
36 M	1,2-Dichloroethane	0.602	0.628	-4.3	95	0.00
37 M	Trichloroethene	0.483	0.513	-6.2	94	0.00
38	Methylcyclohexane	0.693	0.701	-1.2	92	0.00
39 M	1,2-Dichloropropane	0.419	0.455	-8.6	101	0.00
40	Dibromomethane	0.298	0.316	-6.0	98	0.00
41 M	Bromodichloromethane	0.568	0.594	-4.6	96	0.00
42 M	Vinyl Acetate	1.070	1.112	-3.9	94	0.00
43	Ethyl Acetate	0.622	0.654	-5.1	97	0.00
44	Isopropyl Acetate	0.946	0.990	-4.7	96	0.00
45 T	1,4-Dioxane	0.010	0.011	-10.0	96	0.00
46	Methyl methacrylate	0.480	0.520	-8.3	98	0.00
47	n-amyl Acetate	0.798	0.818	-2.5	99	0.00
48 M	t-1,3-Dichloropropene	0.598	0.581	2.8	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.675	0.673	0.3	94	0.00
50 M	1,1,2-Trichloroethane	0.441	0.476	-7.9	104	0.00
51	Ethyl methacrylate	0.654	0.688	-5.2	103	0.00
52	1,3-Dichloropropane	0.744	0.800	-7.5	104	0.00
53 M	Dibromochloromethane	0.482	0.496	-2.9	102	0.00
54 M	1,2-Dibromoethane	0.477	0.501	-5.0	102	0.00
55 M	2-Chloroethyl vinyl ether	0.307	0.309	-0.7	94	0.00
56 M	Bromoform	0.374	0.377	-0.8	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.539	0.599	-11.1	99	0.00
59 M	2-Hexanone	0.405	0.439	-8.4	97	0.00
60 S	4-Bromofluorobenzene	0.536	0.536	0.0	93	0.00
61 M	Tetrachloroethene	0.395	0.422	-6.8	105	0.00
62 M	Toluene	1.678	1.790	-6.7	95	0.00
63 S	Toluene-d8	0.957	0.976	-2.0	95	0.00
64 M	Chlorobenzene	1.119	1.174	-4.9	96	0.00
65	1,1,1,2-Tetrachloroethane	0.417	0.430	-3.1	94	0.00
66 M	Ethyl Benzene	1.920	2.004	-4.4	95	0.00
67 M	m/p-Xylenes	0.758	0.798	-5.3	96	0.00
68 M	o-Xylene	0.752	0.782	-4.0	95	0.00
69 M	Styrene	1.237	1.295	-4.7	95	0.00
70	Isopropylbenzene	1.937	2.021	-4.3	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.581	0.646	-11.2	102	0.00
72	1,2,3-Trichloropropane	0.529	0.573	-8.3	98	0.00
73	Bromobenzene	0.525	0.558	-6.3	96	0.00
74	n-propylbenzene	2.201	2.251	-2.3	92	0.00
75	2-Chlorotoluene	1.309	1.367	-4.4	94	0.00
76	1,3,5-Trimethylbenzene	1.607	1.679	-4.5	93	0.00
77	t-1,4-Dichloro-2-butene	0.163	0.157	3.7	94	0.00
78	4-Chlorotoluene	1.473	1.524	-3.5	94	0.00
79	tert-butylbenzene	1.644	1.711	-4.1	94	0.00
80	1,2,4-Trimethylbenzene	1.593	1.664	-4.5	94	0.00
81	sec-Butylbenzene	2.001	2.053	-2.6	93	0.00
82	p-Isopropyltoluene	1.733	1.772	-2.3	92	0.00
83 M	1,3-Dichlorobenzene	0.948	0.979	-3.3	94	0.00
84 M	1,4-Dichlorobenzene	0.950	1.009	-6.2	98	0.00
85	n-Butylbenzene	1.410	1.389	1.5	90	0.00
86 T	Hexachloroethane	0.274	0.258	5.8	89	0.00
87 M	1,2-Dichlorobenzene	0.914	0.987	-8.0	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.119	0.127	-6.7	99	0.00
89	1,2,4-Trichlorobenzene	0.636	0.612	3.8	89	0.00
90	Hexachlorobutadiene	0.298	0.268	10.1	84	0.00
91 M	Naphthalene	1.864	1.845	1.0	90	0.00
92	1,2,3-Trichlorobenzene	0.624	0.601	3.7	87	0.00

(#) = Out of Range

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