

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042563.D
 Acq On : 25 Jul 2024 13:07
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 26 01:36:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 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	67	0.00
2 M	Dichlorodifluoromethane	1.798	1.761	2.1	71	0.00
3 M	Chloromethane	1.880	1.540	18.1	61	0.00
4 M	Vinyl Chloride	1.868	1.428	23.6	56	0.00
5 M	Bromomethane	0.938	0.818	12.8	66	0.00
6 M	Chloroethane	0.805	0.857	-6.5	75	0.00
7 M	Trichlorofluoromethane	2.337	2.204	5.7	66	0.00
8 T	Diethyl Ether	0.980	0.869	11.3	63	0.00
9	1,1,2-Trichlorotrifluoroeth	1.820	1.689	7.2	69	0.00
10 M	1,1-Dichloroethene	1.749	1.613	7.8	68	0.00
11	Methyl Iodide	1.978	1.899	4.0	75	0.00
12	Methyl Acetate	2.875	3.094	-7.6	72	0.00
13 M	Acrolein	0.361	0.204	43.5#	43#	0.00
14 M	Acrylonitrile	1.080	1.018	5.7	67	0.00
15 M	Acetone	0.321	0.266	17.1	58	0.00
16 M	Carbon Disulfide	3.458	3.051	11.8	71	0.00
17	Allyl chloride	2.783	2.496	10.3	63	0.00
18 M	Methylene Chloride	1.998	1.863	6.8	66	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.618	8.4	68	0.00
20 T	Diisopropyl ether	5.865	5.347	8.8	65	0.00
21 M	1,1-Dichloroethane	3.329	3.125	6.1	67	0.00
22 M	cis-1,2-Dichloroethene	2.213	2.101	5.1	68	0.00
23 M	tert-Butyl Alcohol	0.411	0.405	1.5	66	0.00
24 M	Methyl tert-Butyl Ether	5.838	5.703	2.3	70	0.00
25 M	Chloroform	3.441	3.357	2.4	70	0.00
26	Cyclohexane	2.757	2.354	14.6	63	0.00
27 s	1,2-Dichloroethane-d4	2.149	2.154	-0.2	69	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
29	1,1-Dichloropropene	0.391	0.367	6.1	67	0.00
30 M	2-Butanone	0.261	0.244	6.5	65	0.00
31	2,2-Dichloropropane	0.450	0.397	11.8	62	0.00
32 M	1,1,1-Trichloroethane	0.505	0.517	-2.4	72	0.00
33 M	Carbon Tetrachloride	0.441	0.443	-0.5	72	0.00
34 M	Benzene	1.285	1.241	3.4	67	0.00
35	Methacrylonitrile	0.258	0.264	-2.3	71	0.00
36 M	1,2-Dichloroethane	0.417	0.426	-2.2	70	0.00
37 M	Trichloroethene	0.345	0.344	0.3	71	0.00
38	Methylcyclohexane	0.503	0.445	11.5	64	0.00
39 M	1,2-Dichloropropane	0.316	0.304	3.8	68	0.00
40	Dibromomethane	0.228	0.230	-0.9	71	0.00
41 M	Bromodichloromethane	0.427	0.427	0.0	72	0.00
42 M	Vinyl Acetate	0.845	0.778	7.9	65	0.00
43	Ethyl Acetate	0.464	0.458	1.3	68	0.00
44	Isopropyl Acetate	0.728	0.690	5.2	67	0.00
45 T	1,4-Dioxane	0.008	0.006	25.0	50	0.00
46	Methyl methacrylate	0.355	0.330	7.0	65	0.00
47	n-amyl Acetate	0.647	0.583	9.9	68	0.00
48 M	t-1,3-Dichloropropene	0.426	0.397	6.8	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.479	0.450	6.1	68	0.00
50 M	1,1,2-Trichloroethane	0.334	0.342	-2.4	71	0.00
51	Ethyl methacrylate	0.523	0.497	5.0	70	0.00
52	1,3-Dichloropropane	0.543	0.538	0.9	68	0.00
53 M	Dibromochloromethane	0.367	0.374	-1.9	75	0.00
54 M	1,2-Dibromoethane	0.348	0.351	-0.9	70	0.00
55 M	2-Chloroethyl vinyl ether	0.253	0.238	5.9	69	0.00
56 M	Bromoform	0.296	0.292	1.4	76	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
58 M	4-Methyl-2-Pentanone	0.529	0.516	2.5	68	0.00
59 M	2-Hexanone	0.414	0.396	4.3	68	0.00
60 S	4-Bromofluorobenzene	0.467	0.462	1.1	69	0.00
61 M	Tetrachloroethene	0.364	0.362	0.5	70	0.00
62 M	Toluene	1.500	1.467	2.2	69	0.00
63 S	Toluene-d8	1.303	1.290	1.0	66	0.00
64 M	Chlorobenzene	1.012	0.977	3.5	70	0.00
65	1,1,1,2-Tetrachloroethane	0.364	0.361	0.8	72	0.00
66 M	Ethyl Benzene	1.634	1.567	4.1	70	0.00
67 M	m/p-Xylenes	0.653	0.643	1.5	71	0.00
68 M	o-Xylene	0.650	0.630	3.1	70	0.00
69 M	Styrene	1.094	1.055	3.6	71	0.00
70	Isopropylbenzene	1.658	1.632	1.6	71	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.574	-0.5	72	0.00
72	1,2,3-Trichloropropane	0.453	0.492	-8.6	78	0.00
73	Bromobenzene	0.474	0.479	-1.1	74	0.00
74	n-propylbenzene	1.832	1.740	5.0	71	0.00
75	2-Chlorotoluene	1.152	1.129	2.0	71	0.00
76	1,3,5-Trimethylbenzene	1.385	1.364	1.5	72	0.00
77	t-1,4-Dichloro-2-butene	0.166	0.136	18.1	66	0.00
78	4-Chlorotoluene	1.283	1.218	5.1	70	0.00
79	tert-butylbenzene	1.479	1.462	1.1	73	0.00
80	1,2,4-Trimethylbenzene	1.394	1.366	2.0	72	0.00
81	sec-Butylbenzene	1.747	1.659	5.0	70	0.00
82	p-Isopropyltoluene	1.514	1.467	3.1	73	0.00
83 M	1,3-Dichlorobenzene	0.851	0.821	3.5	72	0.00
84 M	1,4-Dichlorobenzene	0.845	0.826	2.2	74	0.00
85	n-Butylbenzene	1.189	1.048	11.9	69	0.00
86 T	Hexachloroethane	0.257	0.237	7.8	73	0.00
87 M	1,2-Dichlorobenzene	0.860	0.846	1.6	73	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.116	0.9	75	0.00
89	1,2,4-Trichlorobenzene	0.582	0.538	7.6	73	0.00
90	Hexachlorobutadiene	0.289	0.272	5.9	72	0.00
91 M	Naphthalene	1.737	1.645	5.3	72	0.00
92	1,2,3-Trichlorobenzene	0.600	0.571	4.8	74	0.00

(#) = Out of Range

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