

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
 Data File : VX042463.D
 Acq On : 23 Jul 2024 11:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 23 15:09:31 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	97	0.00
2 M	Dichlorodifluoromethane	1.798	1.726	4.0	101	0.00
3 M	Chloromethane	1.880	1.676	10.9	97	0.00
4 M	Vinyl Chloride	1.868	1.539	17.6	87	0.00
5 M	Bromomethane	0.938	0.789	15.9	93	0.00
6 M	Chloroethane	0.805	0.871	-8.2	111	0.00
7 M	Trichlorofluoromethane	2.337	2.173	7.0	94	0.00
8 T	Diethyl Ether	0.980	0.997	-1.7	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.820	1.491	18.1	88	0.00
10 M	1,1-Dichloroethene	1.749	1.377	21.3	84	0.00
11	Methyl Iodide	1.978	1.659	16.1	95	0.00
12	Methyl Acetate	2.875	3.036	-5.6	103	0.00
13 M	Acrolein	0.361	0.176	51.2#	53	0.00
14 M	Acrylonitrile	1.080	1.054	2.4	101	0.00
15 M	Acetone	0.321	0.245	23.7	78	0.00
16 M	Carbon Disulfide	3.458	2.525	27.0#	86	0.00
17	Allyl chloride	2.783	2.420	13.0	88	0.00
18 M	Methylene Chloride	1.998	1.851	7.4	95	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.656	6.3	100	0.00
20 T	Diisopropyl ether	5.865	5.806	1.0	102	0.00
21 M	1,1-Dichloroethane	3.329	3.233	2.9	101	0.00
22 M	cis-1,2-Dichloroethene	2.213	2.084	5.8	98	0.00
23 M	tert-Butyl Alcohol	0.411	0.417	-1.5	99	0.00
24 M	Methyl tert-Butyl Ether	5.838	5.568	4.6	100	0.00
25 M	Chloroform	3.441	3.349	2.7	102	0.00
26	Cyclohexane	2.757	2.566	6.9	100	0.00
27 s	1,2-Dichloroethane-d4	2.149	2.116	1.5	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.391	0.372	4.9	99	0.00
30 M	2-Butanone	0.261	0.262	-0.4	103	0.00
31	2,2-Dichloropropane	0.450	0.434	3.6	99	0.00
32 M	1,1,1-Trichloroethane	0.505	0.498	1.4	101	0.00
33 M	Carbon Tetrachloride	0.441	0.418	5.2	99	0.00
34 M	Benzene	1.285	1.266	1.5	99	0.00
35	Methacrylonitrile	0.258	0.269	-4.3	106	0.00
36 M	1,2-Dichloroethane	0.417	0.422	-1.2	101	0.00
37 M	Trichloroethene	0.345	0.338	2.0	102	0.00
38	Methylcyclohexane	0.503	0.489	2.8	103	0.00
39 M	1,2-Dichloropropane	0.316	0.306	3.2	100	0.00
40	Dibromomethane	0.228	0.226	0.9	102	0.00
41 M	Bromodichloromethane	0.427	0.414	3.0	102	0.00
42 M	Vinyl Acetate	0.845	0.834	1.3	101	0.00
43	Ethyl Acetate	0.464	0.438	5.6	95	0.00
44	Isopropyl Acetate	0.728	0.712	2.2	101	0.00
45 T	1,4-Dioxane	0.008	0.008	0.0	91	0.00
46	Methyl methacrylate	0.355	0.352	0.8	102	0.00
47	n-amyl Acetate	0.647	0.620	4.2	106	0.00
48 M	t-1,3-Dichloropropene	0.426	0.401	5.9	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.479	0.459	4.2	101	0.00
50 M	1,1,2-Trichloroethane	0.334	0.334	0.0	101	0.00
51	Ethyl methacrylate	0.523	0.505	3.4	103	0.00
52	1,3-Dichloropropane	0.543	0.538	0.9	100	0.00
53 M	Dibromochloromethane	0.367	0.353	3.8	103	0.00
54 M	1,2-Dibromoethane	0.348	0.343	1.4	101	0.00
55 M	2-Chloroethyl vinyl ether	0.253	0.251	0.8	106	0.00
56 M	Bromoform	0.296	0.270	8.8	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.529	0.554	-4.7	105	0.00
59 M	2-Hexanone	0.414	0.419	-1.2	104	0.00
60 S	4-Bromofluorobenzene	0.467	0.468	-0.2	101	0.00
61 M	Tetrachloroethene	0.364	0.364	0.0	102	0.00
62 M	Toluene	1.500	1.497	0.2	101	0.00
63 S	Toluene-d8	1.303	1.323	-1.5	98	0.00
64 M	Chlorobenzene	1.012	0.989	2.3	102	0.00
65	1,1,1,2-Tetrachloroethane	0.364	0.358	1.6	103	0.00
66 M	Ethyl Benzene	1.634	1.615	1.2	103	0.00
67 M	m/p-Xylenes	0.653	0.649	0.6	103	0.00
68 M	o-Xylene	0.650	0.638	1.8	102	0.00
69 M	Styrene	1.094	1.071	2.1	104	0.00
70	Isopropylbenzene	1.658	1.666	-0.5	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.568	0.5	102	0.00
72	1,2,3-Trichloropropane	0.453	0.448	1.1	102	0.00
73	Bromobenzene	0.474	0.469	1.1	104	0.00
74	n-propylbenzene	1.832	1.837	-0.3	107	0.00
75	2-Chlorotoluene	1.152	1.164	-1.0	105	0.00
76	1,3,5-Trimethylbenzene	1.385	1.390	-0.4	105	0.00
77	t-1,4-Dichloro-2-butene	0.166	0.145	12.7	102	0.00
78	4-Chlorotoluene	1.283	1.269	1.1	104	0.00
79	tert-butylbenzene	1.479	1.460	1.3	104	0.00
80	1,2,4-Trimethylbenzene	1.394	1.372	1.6	104	0.00
81	sec-Butylbenzene	1.747	1.722	1.4	104	0.00
82	p-Isopropyltoluene	1.514	1.488	1.7	106	0.00
83 M	1,3-Dichlorobenzene	0.851	0.828	2.7	104	0.00
84 M	1,4-Dichlorobenzene	0.845	0.828	2.0	107	0.00
85	n-Butylbenzene	1.189	1.155	2.9	110	0.00
86 T	Hexachloroethane	0.257	0.231	10.1	102	0.00
87 M	1,2-Dichlorobenzene	0.860	0.830	3.5	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.112	4.3	105	0.00
89	1,2,4-Trichlorobenzene	0.582	0.544	6.5	106	0.00
90	Hexachlorobutadiene	0.289	0.277	4.2	105	0.00
91 M	Naphthalene	1.737	1.654	4.8	104	0.00
92	1,2,3-Trichlorobenzene	0.600	0.569	5.2	106	0.00

(#) = Out of Range

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