

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042961.D
 Acq On : 08 Aug 2024 17:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 09 05:39:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 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	83	0.00
2 M	Dichlorodifluoromethane	1.764	1.636	7.3	77	0.00
3 M	Chloromethane	1.619	1.498	7.5	86	0.00
4 M	Vinyl Chloride	1.729	1.543	10.8	79	0.00
5 M	Bromomethane	1.054	0.913	13.4	75	0.00
6 M	Chloroethane	1.028	0.895	12.9	73	-0.02
7 M	Trichlorofluoromethane	2.757	2.618	5.0	74	-0.01
8 T	Diethyl Ether	1.083	1.062	1.9	84	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.809	3.7	82	-0.01
10 M	1,1-Dichloroethene	1.795	1.601	10.8	77	0.00
11	Methyl Iodide	1.652	1.620	1.9	96	0.00
12	Methyl Acetate	3.924	4.332	-10.4	83	0.00
13 M	Acrolein	0.113	0.106	6.2	111	0.00
14 M	Acrylonitrile	1.193	1.122	6.0	80	0.00
15 M	Acetone	0.387	0.285	26.4#	64	0.01
16 M	Carbon Disulfide	3.736	2.728	27.0#	64	-0.01
17	Allyl chloride	2.905	2.779	4.3	76	0.00
18 M	Methylene Chloride	2.082	2.013	3.3	85	0.00
19 M	trans-1,2-Dichloroethene	1.828	1.588	13.1	73	0.00
20 T	Diisopropyl ether	6.346	6.341	0.1	83	0.00
21 M	1,1-Dichloroethane	3.609	3.482	3.5	80	0.00
22 M	cis-1,2-Dichloroethene	2.294	2.096	8.6	79	0.00
23 M	tert-Butyl Alcohol	0.550	0.454	17.5	72	0.03
24 M	Methyl tert-Butyl Ether	6.498	6.289	3.2	83	0.00
25 M	Chloroform	3.905	3.681	5.7	80	0.00
26	Cyclohexane	2.847	2.485	12.7	77	0.00
27 s	1,2-Dichloroethane-d4	2.770	2.558	7.7	77	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
29	1,1-Dichloropropene	0.387	0.389	-0.5	77	0.00
30 M	2-Butanone	0.285	0.282	1.1	74	0.01
31	2,2-Dichloropropane	0.452	0.426	5.8	71	0.00
32 M	1,1,1-Trichloroethane	0.535	0.558	-4.3	80	0.00
33 M	Carbon Tetrachloride	0.458	0.452	1.3	75	0.00
34 M	Benzene	1.238	1.316	-6.3	82	0.00
35	Methacrylonitrile	0.269	0.288	-7.1	80	0.00
36 M	1,2-Dichloroethane	0.457	0.490	-7.2	81	0.00
37 M	Trichloroethene	0.313	0.314	-0.3	77	0.00
38	Methylcyclohexane	0.479	0.434	9.4	71	0.00
39 M	1,2-Dichloropropane	0.316	0.333	-5.4	80	0.00
40	Dibromomethane	0.238	0.248	-4.2	78	0.00
41 M	Bromodichloromethane	0.472	0.481	-1.9	77	0.00
42 M	Vinyl Acetate	0.833	0.846	-1.6	78	0.00
43	Ethyl Acetate	0.478	0.483	-1.0	78	0.00
44	Isopropyl Acetate	0.769	0.773	-0.5	75	0.00
45 T	1,4-Dioxane	0.008	0.009	-12.5	79	0.01
46	Methyl methacrylate	0.382	0.385	-0.8	76	0.00
47	n-amyl Acetate	0.658	0.634	3.6	76	0.00
48 M	t-1,3-Dichloropropene	0.453	0.422	6.8	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.490	0.475	3.1	73	0.00
50 M	1,1,2-Trichloroethane	0.325	0.362	-11.4	83	0.00
51	Ethyl methacrylate	0.532	0.529	0.6	76	0.00
52	1,3-Dichloropropane	0.533	0.577	-8.3	80	0.00
53 M	Dibromochloromethane	0.378	0.357	5.6	72	0.00
54 M	1,2-Dibromoethane	0.338	0.352	-4.1	78	0.00
55 M	2-Chloroethyl vinyl ether	0.246	0.235	4.5	72	0.00
56 M	Bromoform	0.271	0.247	8.9	70	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	0.565	0.607	-7.4	80	0.00
59 M	2-Hexanone	0.447	0.449	-0.4	76	0.00
60 S	4-Bromofluorobenzene	0.489	0.479	2.0	75	0.00
61 M	Tetrachloroethene	0.298	0.306	-2.7	78	0.00
62 M	Toluene	1.469	1.496	-1.8	78	0.00
63 S	Toluene-d8	1.355	1.359	-0.3	75	0.00
64 M	Chlorobenzene	0.940	0.952	-1.3	77	0.00
65	1,1,1,2-Tetrachloroethane	0.341	0.347	-1.8	78	0.00
66 M	Ethyl Benzene	1.633	1.627	0.4	76	0.00
67 M	m/p-Xylenes	0.617	0.616	0.2	77	0.00
68 M	o-Xylene	0.609	0.615	-1.0	77	0.00
69 M	Styrene	1.048	1.040	0.8	77	0.00
70	Isopropylbenzene	1.602	1.608	-0.4	77	0.00
71 M	1,1,2,2-Tetrachloroethane	0.578	0.604	-4.5	80	0.00
72	1,2,3-Trichloropropane	0.472	0.484	-2.5	81	0.00
73	Bromobenzene	0.407	0.405	0.5	78	0.00
74	n-propylbenzene	1.874	1.789	4.5	73	0.00
75	2-Chlorotoluene	1.144	1.155	-1.0	79	0.00
76	1,3,5-Trimethylbenzene	1.358	1.348	0.7	78	0.00
77	t-1,4-Dichloro-2-butene	0.168	0.144	14.3	70	0.00
78	4-Chlorotoluene	1.312	1.271	3.1	76	0.00
79	tert-butylbenzene	1.393	1.368	1.8	77	0.00
80	1,2,4-Trimethylbenzene	1.340	1.329	0.8	78	0.00
81	sec-Butylbenzene	1.708	1.658	2.9	75	0.00
82	p-Isopropyltoluene	1.430	1.343	6.1	73	0.00
83 M	1,3-Dichlorobenzene	0.749	0.717	4.3	75	0.00
84 M	1,4-Dichlorobenzene	0.753	0.710	5.7	74	0.00
85	n-Butylbenzene	1.289	1.079	16.3	65	0.00
86 T	Hexachloroethane	0.258	0.228	11.6	71	0.00
87 M	1,2-Dichlorobenzene	0.746	0.748	-0.3	79	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.121	7.6	76	0.00
89	1,2,4-Trichlorobenzene	0.486	0.421	13.4	69	0.00
90	Hexachlorobutadiene	0.210	0.187	11.0	71	0.00
91 M	Naphthalene	1.635	1.486	9.1	73	0.00
92	1,2,3-Trichlorobenzene	0.490	0.446	9.0	71	0.00

(#) = Out of Range

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