

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042555.D
 Acq On : 25 Jul 2024 09:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 26 01:31:31 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	70	0.00
2 M	Dichlorodifluoromethane	1.798	1.703	5.3	72	0.00
3 M	Chloromethane	1.880	1.488	20.9	62	0.00
4 M	Vinyl Chloride	1.868	1.383	26.0#	57	0.00
5 M	Bromomethane	0.938	0.792	15.6	67	0.00
6 M	Chloroethane	0.805	0.692	14.0	64	0.00
7 M	Trichlorofluoromethane	2.337	2.001	14.4	62	0.00
8 T	Diethyl Ether	0.980	0.806	17.8	61	0.00
9	1,1,2-Trichlorotrifluoroeth	1.820	1.649	9.4	70	0.00
10 M	1,1-Dichloroethene	1.749	1.457	16.7	64	0.00
11	Methyl Iodide	1.978	1.571	20.6	65	0.00
12	Methyl Acetate	2.875	2.807	2.4	69	0.00
13 M	Acrolein	0.361	0.224	38.0#	49#	0.00
14 M	Acrylonitrile	1.080	0.951	11.9	66	0.00
15 M	Acetone	0.321	0.270	15.9	62	0.00
16 M	Carbon Disulfide	3.458	2.546	26.4#	63	0.00
17	Allyl chloride	2.783	2.341	15.9	62	0.00
18 M	Methylene Chloride	1.998	1.731	13.4	64	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.526	13.6	67	0.00
20 T	Diisopropyl ether	5.865	4.935	15.9	63	0.00
21 M	1,1-Dichloroethane	3.329	2.883	13.4	65	0.00
22 M	cis-1,2-Dichloroethene	2.213	1.923	13.1	66	0.00
23 M	tert-Butyl Alcohol	0.411	0.358	12.9	62	0.00
24 M	Methyl tert-Butyl Ether	5.838	5.154	11.7	67	0.00
25 M	Chloroform	3.441	3.151	8.4	69	0.00
26	Cyclohexane	2.757	2.244	18.6	63	0.00
27 s	1,2-Dichloroethane-d4	2.149	2.150	-0.0	72	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
29	1,1-Dichloropropene	0.391	0.340	13.0	65	0.00
30 M	2-Butanone	0.261	0.234	10.3	66	0.00
31	2,2-Dichloropropane	0.450	0.418	7.1	69	0.00
32 M	1,1,1-Trichloroethane	0.505	0.478	5.3	70	-0.01
33 M	Carbon Tetrachloride	0.441	0.415	5.9	71	0.00
34 M	Benzene	1.285	1.147	10.7	65	0.00
35	Methacrylonitrile	0.258	0.237	8.1	67	0.00
36 M	1,2-Dichloroethane	0.417	0.400	4.1	69	0.00
37 M	Trichloroethene	0.345	0.322	6.7	70	0.00
38	Methylcyclohexane	0.503	0.432	14.1	65	0.00
39 M	1,2-Dichloropropane	0.316	0.272	13.9	64	0.00
40	Dibromomethane	0.228	0.208	8.8	67	0.00
41 M	Bromodichloromethane	0.427	0.383	10.3	68	0.00
42 M	Vinyl Acetate	0.845	0.720	14.8	63	0.00
43	Ethyl Acetate	0.464	0.411	11.4	64	0.00
44	Isopropyl Acetate	0.728	0.625	14.1	63	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	62	0.00
46	Methyl methacrylate	0.355	0.310	12.7	64	0.00
47	n-amyl Acetate	0.647	0.515	20.4	63	0.00
48 M	t-1,3-Dichloropropene	0.426	0.368	13.6	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.479	0.423	11.7	67	0.00
50 M	1,1,2-Trichloroethane	0.334	0.307	8.1	66	0.00
51	Ethyl methacrylate	0.523	0.451	13.8	66	0.00
52	1,3-Dichloropropane	0.543	0.493	9.2	66	0.00
53 M	Dibromochloromethane	0.367	0.331	9.8	70	0.00
54 M	1,2-Dibromoethane	0.348	0.318	8.6	67	0.00
55 M	2-Chloroethyl vinyl ether	0.253	0.242	4.3	73	0.00
56 M	Bromoform	0.296	0.260	12.2	71	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
58 M	4-Methyl-2-Pentanone	0.529	0.480	9.3	66	0.00
59 M	2-Hexanone	0.414	0.371	10.4	67	0.00
60 S	4-Bromofluorobenzene	0.467	0.469	-0.4	73	0.00
61 M	Tetrachloroethene	0.364	0.355	2.5	72	0.00
62 M	Toluene	1.500	1.350	10.0	66	0.00
63 S	Toluene-d8	1.303	1.310	-0.5	70	0.00
64 M	Chlorobenzene	1.012	0.932	7.9	70	0.00
65	1,1,1,2-Tetrachloroethane	0.364	0.337	7.4	70	0.00
66 M	Ethyl Benzene	1.634	1.470	10.0	68	0.00
67 M	m/p-Xylenes	0.653	0.596	8.7	69	0.00
68 M	o-Xylene	0.650	0.582	10.5	68	0.00
69 M	Styrene	1.094	0.970	11.3	68	0.00
70	Isopropylbenzene	1.658	1.544	6.9	70	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.516	9.6	67	0.00
72	1,2,3-Trichloropropane	0.453	0.469	-3.5	77	0.00
73	Bromobenzene	0.474	0.441	7.0	71	0.00
74	n-propylbenzene	1.832	1.659	9.4	70	0.00
75	2-Chlorotoluene	1.152	1.082	6.1	71	0.00
76	1,3,5-Trimethylbenzene	1.385	1.284	7.3	71	0.00
77	t-1,4-Dichloro-2-butene	0.166	0.137	17.5	70	0.00
78	4-Chlorotoluene	1.283	1.172	8.7	70	0.00
79	tert-butylbenzene	1.479	1.357	8.2	70	0.00
80	1,2,4-Trimethylbenzene	1.394	1.266	9.2	70	0.00
81	sec-Butylbenzene	1.747	1.590	9.0	70	0.00
82	p-Isopropyltoluene	1.514	1.406	7.1	73	0.00
83 M	1,3-Dichlorobenzene	0.851	0.788	7.4	72	0.00
84 M	1,4-Dichlorobenzene	0.845	0.779	7.8	73	0.00
85	n-Butylbenzene	1.189	1.027	13.6	71	0.00
86 T	Hexachloroethane	0.257	0.221	14.0	71	0.00
87 M	1,2-Dichlorobenzene	0.860	0.805	6.4	72	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.104	11.1	70	0.00
89	1,2,4-Trichlorobenzene	0.582	0.510	12.4	72	0.00
90	Hexachlorobutadiene	0.289	0.285	1.4	79	0.00
91 M	Naphthalene	1.737	1.506	13.3	69	0.00
92	1,2,3-Trichlorobenzene	0.600	0.538	10.3	73	0.00

(#) = Out of Range

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