

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034889.D
 Acq On : 31 Mar 2023 19:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 01 03:39:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	74	0.00
2 M	Dichlorodifluoromethane	2.845	2.683	5.7	75	0.00
3 M	Chloromethane	3.689	3.466	6.0	69	0.00
4 M	Vinyl Chloride	3.640	3.425	5.9	72	0.00
5 M	Bromomethane	2.394	1.820	24.0	57	0.00
6 M	Chloroethane	2.369	2.284	3.6	75	0.00
7 M	Trichlorofluoromethane	5.798	5.662	2.3	77	0.00
8 T	Diethyl Ether	2.087	2.088	-0.0	75	0.00
9	1,1,2-Trichlorotrifluoroeth	2.942	2.763	6.1	76	0.00
10 M	1,1-Dichloroethene	2.978	2.660	10.7	71	0.00
11	Methyl Iodide	3.792	1.909	49.7#	41#	0.00
12	Methyl Acetate	6.594	6.011	8.8	70	0.00
13 M	Acrolein	0.765	0.556	27.3#	54	0.00
14 M	Acrylonitrile	1.816	1.654	8.9	69	0.00
15 M	Acetone	0.493	0.466	5.5	72	0.00
16 M	Carbon Disulfide	7.617	5.809	23.7	63	0.00
17	Allyl chloride	5.762	4.892	15.1	67	0.00
18 M	Methylene Chloride	3.508	3.115	11.2	67	0.00
19 M	trans-1,2-Dichloroethene	3.258	2.904	10.9	71	0.00
20 T	Diisopropyl ether	11.805	10.730	9.1	69	0.00
21 M	1,1-Dichloroethane	6.312	5.598	11.3	69	0.00
22 M	cis-1,2-Dichloroethene	3.795	3.383	10.9	70	0.00
23 M	tert-Butyl Alcohol	0.817	0.704	13.8	65	0.00
24 M	Methyl tert-Butyl Ether	11.066	9.760	11.8	68	0.00
25 M	Chloroform	6.420	5.645	12.1	70	0.00
26	Cyclohexane	5.532	4.858	12.2	72	0.00
27 s	1,2-Dichloroethane-d4	2.883	2.977	-3.3	79	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29	1,1-Dichloropropene	0.690	0.594	13.9	72	0.00
30 M	2-Butanone	0.385	0.336	12.7	68	0.00
31	2,2-Dichloropropane	0.700	0.530	24.3	63	0.00
32 M	1,1,1-Trichloroethane	0.809	0.667	17.6	69	0.00
33 M	Carbon Tetrachloride	0.668	0.536	19.8	69	0.00
34 M	Benzene	2.005	1.765	12.0	69	0.00
35	Methacrylonitrile	0.421	0.366	13.1	69	0.00
36 M	1,2-Dichloroethane	0.786	0.694	11.7	71	0.00
37 M	Trichloroethene	0.510	0.431	15.5	69	0.00
38	Methylcyclohexane	0.754	0.624	17.2	69	0.00
39 M	1,2-Dichloropropane	0.521	0.459	11.9	70	0.00
40	Dibromomethane	0.358	0.320	10.6	70	0.00
41 M	Bromodichloromethane	0.674	0.543	19.4	66	0.00
42 M	Vinyl Acetate	1.255	1.077	14.2	66	0.00
43	Ethyl Acetate	0.746	0.671	10.1	69	0.00
44	Isopropyl Acetate	1.263	1.049	16.9	65	0.00
45 T	1,4-Dioxane	0.013	0.011	15.4	66	0.01
46	Methyl methacrylate	0.616	0.528	14.3	69	0.00
47	n-amyl Acetate	1.098	0.983	10.5	72	0.00
48 M	t-1,3-Dichloropropene	0.735	0.578	21.4	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.807	0.617	23.5	63	0.00
50 M	1,1,2-Trichloroethane	0.499	0.468	6.2	75	0.00
51	Ethyl methacrylate	0.810	0.733	9.5	73	0.00
52	1,3-Dichloropropane	0.881	0.919	-4.3	82	0.00
53 M	Dibromochloromethane	0.493	0.452	8.3	77	0.00
54 M	1,2-Dibromoethane	0.534	0.538	-0.7	82	0.00
55 M	2-Chloroethyl vinyl ether	0.426	0.446	-4.7	81	0.00
56 M	Bromoform	0.340	0.260	23.5	69	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.688	0.550	20.1	69	0.00
59 M	2-Hexanone	0.518	0.480	7.3	81	0.00
60 S	4-Bromofluorobenzene	0.599	0.494	17.5	76	0.00
61 M	Tetrachloroethene	0.404	0.357	11.6	84	0.00
62 M	Toluene	1.962	1.519	22.6	71	0.00
63 S	Toluene-d8	1.020	0.915	10.3	80	0.00
64 M	Chlorobenzene	1.208	1.031	14.7	79	0.00
65	1,1,1,2-Tetrachloroethane	0.432	0.331	23.4	71	0.00
66 M	Ethyl Benzene	2.185	1.826	16.4	78	0.00
67 M	m/p-Xylenes	0.831	0.706	15.0	80	0.00
68 M	o-Xylene	0.822	0.708	13.9	80	0.00
69 M	Styrene	1.355	1.120	17.3	78	0.00
70	Isopropylbenzene	2.128	1.669	21.6	75	0.00
71 M	1,1,2,2-Tetrachloroethane	0.699	0.541	22.6	69	0.00
72	1,2,3-Trichloropropane	0.637	0.483	24.2	68	0.00
73	Bromobenzene	0.511	0.382	25.2#	70	0.00
74	n-propylbenzene	2.477	1.836	25.9#	71	0.00
75	2-Chlorotoluene	1.544	1.155	25.2#	72	0.00
76	1,3,5-Trimethylbenzene	1.791	1.315	26.6#	70	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.099	49.5#	53	0.00
78	4-Chlorotoluene	1.770	1.311	25.9#	72	0.00
79	tert-butylbenzene	1.710	1.235	27.8#	70	0.00
80	1,2,4-Trimethylbenzene	1.780	1.326	25.5#	71	0.00
81	sec-Butylbenzene	2.072	1.506	27.3#	71	0.00
82	p-Isopropyltoluene	1.748	1.231	29.6#	69	0.00
83 M	1,3-Dichlorobenzene	0.965	0.708	26.6#	70	0.00
84 M	1,4-Dichlorobenzene	0.969	0.697	28.1#	69	0.00
85	n-Butylbenzene	1.507	1.045	30.7#	69	0.00
86 T	Hexachloroethane	0.286	0.170	40.6#	65	0.00
87 M	1,2-Dichlorobenzene	0.944	0.687	27.2#	67	0.00
88	1,2-Dibromo-3-Chloropropane	0.153	0.097	36.6#	64	0.00
89	1,2,4-Trichlorobenzene	0.566	0.379	33.0#	65	0.00
90	Hexachlorobutadiene	0.218	0.148	32.1#	66	0.00
91 M	Naphthalene	2.001	1.448	27.6#	66	0.00
92	1,2,3-Trichlorobenzene	0.566	0.392	30.7#	65	0.00

(#) = Out of Range

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