

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034959.D
 Acq On : 06 Apr 2023 17:04
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 07 03:20:56 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	96	0.00
2 M	Dichlorodifluoromethane	2.845	3.332	-17.1	120	0.00
3 M	Chloromethane	3.689	3.625	1.7	93	0.00
4 M	Vinyl Chloride	3.640	3.486	4.2	95	0.00
5 M	Bromomethane	2.394	1.660	30.7#	67	0.00
6 M	Chloroethane	2.369	2.088	11.9	88	0.00
7 M	Trichlorofluoromethane	5.798	5.031	13.2	89	0.00
8 T	Diethyl Ether	2.087	1.919	8.0	89	0.00
9	1,1,2-Trichlorotrifluoroeth	2.942	3.008	-2.2	107	0.00
10 M	1,1-Dichloroethene	2.978	2.723	8.6	94	0.00
11	Methyl Iodide	3.792	2.242	40.9#	61	0.00
12	Methyl Acetate	6.594	6.462	2.0	96	0.00
13 M	Acrolein	0.765	0.631	17.5	79	0.00
14 M	Acrylonitrile	1.816	1.744	4.0	93	0.00
15 M	Acetone	0.493	0.547	-11.0	108	0.00
16 M	Carbon Disulfide	7.617	6.127	19.6	86	0.00
17	Allyl chloride	5.762	5.264	8.6	93	0.00
18 M	Methylene Chloride	3.508	3.247	7.4	91	0.00
19 M	trans-1,2-Dichloroethene	3.258	3.018	7.4	95	0.00
20 T	Diisopropyl ether	11.805	11.113	5.9	92	0.00
21 M	1,1-Dichloroethane	6.312	5.853	7.3	93	0.00
22 M	cis-1,2-Dichloroethene	3.795	3.441	9.3	91	0.00
23 M	tert-Butyl Alcohol	0.817	0.743	9.1	89	0.00
24 M	Methyl tert-Butyl Ether	11.066	10.380	6.2	93	0.00
25 M	Chloroform	6.420	6.084	5.2	97	0.00
26	Cyclohexane	5.532	5.148	6.9	99	0.00
27 s	1,2-Dichloroethane-d4	2.883	3.132	-8.6	107	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.690	0.615	10.9	99	0.00
30 M	2-Butanone	0.385	0.366	4.9	97	0.00
31	2,2-Dichloropropane	0.700	0.620	11.4	98	0.00
32 M	1,1,1-Trichloroethane	0.809	0.727	10.1	99	0.00
33 M	Carbon Tetrachloride	0.668	0.592	11.4	101	0.00
34 M	Benzene	2.005	1.756	12.4	91	0.00
35	Methacrylonitrile	0.421	0.392	6.9	97	0.00
36 M	1,2-Dichloroethane	0.786	0.722	8.1	98	0.00
37 M	Trichloroethene	0.510	0.458	10.2	97	0.00
38	Methylcyclohexane	0.754	0.664	11.9	98	0.00
39 M	1,2-Dichloropropane	0.521	0.442	15.2	89	0.00
40	Dibromomethane	0.358	0.316	11.7	92	0.00
41 M	Bromodichloromethane	0.674	0.586	13.1	94	0.00
42 M	Vinyl Acetate	1.255	1.110	11.6	90	0.00
43	Ethyl Acetate	0.746	0.669	10.3	92	0.00
44	Isopropyl Acetate	1.263	1.083	14.3	89	0.00
45 T	1,4-Dioxane	0.013	0.012	7.7	91	0.00
46	Methyl methacrylate	0.616	0.559	9.3	97	0.00
47	n-amyl Acetate	1.098	0.891	18.9	87	0.00
48 M	t-1,3-Dichloropropene	0.735	0.580	21.1	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.807	0.667	17.3	90	0.00
50 M	1,1,2-Trichloroethane	0.499	0.450	9.8	96	0.00
51	Ethyl methacrylate	0.810	0.687	15.2	90	0.00
52	1,3-Dichloropropane	0.881	0.783	11.1	93	0.00
53 M	Dibromochloromethane	0.493	0.412	16.4	93	0.00
54 M	1,2-Dibromoethane	0.534	0.465	12.9	93	0.00
55 M	2-Chloroethyl vinyl ether	0.426	0.415	2.6	99	0.00
56 M	Bromoform	0.340	0.258	24.1	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.688	0.638	7.3	93	0.00
59 M	2-Hexanone	0.518	0.483	6.8	94	0.00
60 S	4-Bromofluorobenzene	0.599	0.596	0.5	106	0.00
61 M	Tetrachloroethene	0.404	0.370	8.4	100	0.00
62 M	Toluene	1.962	1.757	10.4	94	0.00
63 S	Toluene-d8	1.020	1.008	1.2	101	0.00
64 M	Chlorobenzene	1.208	1.069	11.5	94	0.00
65	1,1,1,2-Tetrachloroethane	0.432	0.377	12.7	93	0.00
66 M	Ethyl Benzene	2.185	1.987	9.1	98	0.00
67 M	m/p-Xylenes	0.831	0.753	9.4	99	0.00
68 M	o-Xylene	0.822	0.727	11.6	94	0.00
69 M	Styrene	1.355	1.210	10.7	97	0.00
70	Isopropylbenzene	2.128	1.921	9.7	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.699	0.618	11.6	91	0.00
72	1,2,3-Trichloropropane	0.637	0.532	16.5	86	0.00
73	Bromobenzene	0.511	0.455	11.0	96	0.00
74	n-propylbenzene	2.477	2.246	9.3	100	0.00
75	2-Chlorotoluene	1.544	1.416	8.3	101	0.00
76	1,3,5-Trimethylbenzene	1.791	1.601	10.6	98	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.126	35.7#	78	0.00
78	4-Chlorotoluene	1.770	1.574	11.1	100	0.00
79	tert-butylbenzene	1.710	1.515	11.4	98	0.00
80	1,2,4-Trimethylbenzene	1.780	1.612	9.4	100	0.00
81	sec-Butylbenzene	2.072	1.833	11.5	99	0.00
82	p-Isopropyltoluene	1.748	1.542	11.8	100	0.00
83 M	1,3-Dichlorobenzene	0.965	0.841	12.8	95	0.00
84 M	1,4-Dichlorobenzene	0.969	0.838	13.5	95	0.00
85	n-Butylbenzene	1.507	1.296	14.0	99	0.00
86 T	Hexachloroethane	0.286	0.216	24.5	95	0.00
87 M	1,2-Dichlorobenzene	0.944	0.819	13.2	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.153	0.130	15.0	99	0.00
89	1,2,4-Trichlorobenzene	0.566	0.485	14.3	95	0.00
90	Hexachlorobutadiene	0.218	0.207	5.0	106	0.00
91 M	Naphthalene	2.001	1.739	13.1	92	0.00
92	1,2,3-Trichlorobenzene	0.566	0.483	14.7	92	0.00

(#) = Out of Range

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