

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040715.D
 Acq On : 19 Mar 2024 15:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 20 04:34:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 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	2.035	1.267	37.7#	58	0.00
3 M	Chloromethane	2.085	1.908	8.5	83	0.00
4 M	Vinyl Chloride	2.253	1.859	17.5	77	0.00
5 M	Bromomethane	1.376	1.466	-6.5	83	0.02
6 M	Chloroethane	1.324	1.461	-10.3	111	0.02
7 M	Trichlorofluoromethane	3.430	2.305	32.8#	66	0.02
8 T	Diethyl Ether	1.165	1.138	2.3	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.135	39.6#	56	0.00
10 M	1,1-Dichloroethene	1.789	1.186	33.7#	63	0.00
11	Methyl Iodide	2.164	1.643	24.1	74	0.00
12	Methyl Acetate	2.947	3.327	-12.9	106	0.00
13 M	Acrolein	0.556	0.312	43.9#	54	0.00
14 M	Acrylonitrile	1.160	1.219	-5.1	98	0.00
15 M	Acetone	0.332	0.273	17.8	71	0.00
16 M	Carbon Disulfide	4.917	2.981	39.4#	59	0.01
17	Allyl chloride	3.301	2.815	14.7	80	0.00
18 M	Methylene Chloride	2.043	2.064	-1.0	95	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.612	17.5	77	0.00
20 T	Diisopropyl ether	6.603	6.763	-2.4	96	0.00
21 M	1,1-Dichloroethane	3.799	3.551	6.5	87	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.091	7.8	85	0.00
23 M	tert-Butyl Alcohol	0.548	0.555	-1.3	98	-0.05
24 M	Methyl tert-Butyl Ether	6.602	6.755	-2.3	97	0.00
25 M	Chloroform	4.158	4.049	2.6	92	0.00
26	Cyclohexane	3.066	1.996	34.9#	63	0.00
27 s	1,2-Dichloroethane-d4	2.996	3.081	-2.8	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29	1,1-Dichloropropene	0.519	0.447	13.9	73	0.00
30 M	2-Butanone	0.317	0.374	-18.0	94	-0.01
31	2,2-Dichloropropane	0.560	0.528	5.7	77	0.00
32 M	1,1,1-Trichloroethane	0.654	0.602	8.0	77	0.00
33 M	Carbon Tetrachloride	0.551	0.486	11.8	75	0.00
34 M	Benzene	1.402	1.429	-1.9	83	0.00
35	Methacrylonitrile	0.325	0.428	-31.7#	105	0.00
36 M	1,2-Dichloroethane	0.648	0.763	-17.7	95	0.00
37 M	Trichloroethene	0.377	0.343	9.0	75	0.00
38	Methylcyclohexane	0.559	0.433	22.5	63	0.00
39 M	1,2-Dichloropropane	0.357	0.410	-14.8	92	0.00
40	Dibromomethane	0.280	0.339	-21.1	94	0.00
41 M	Bromodichloromethane	0.558	0.657	-17.7	95	0.00
42 M	Vinyl Acetate	1.091	1.273	-16.7	96	0.00
43	Ethyl Acetate	0.597	0.699	-17.1	92	0.00
44	Isopropyl Acetate	0.953	1.093	-14.7	95	0.00
45 T	1,4-Dioxane	0.010	0.011	-10.0	89	-0.01
46	Methyl methacrylate	0.473	0.565	-19.5	95	0.00
47	n-amyl Acetate	0.821	0.876	-6.7	97	0.00
48 M	t-1,3-Dichloropropene	0.590	0.640	-8.5	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.662	-10.1	92	0.00
50 M	1,1,2-Trichloroethane	0.372	0.443	-19.1	96	0.00
51	Ethyl methacrylate	0.586	0.670	-14.3	93	0.00
52	1,3-Dichloropropane	0.636	0.732	-15.1	92	0.00
53 M	Dibromochloromethane	0.425	0.477	-12.2	92	0.00
54 M	1,2-Dibromoethane	0.412	0.472	-14.6	93	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.359	-20.1	93	0.00
56 M	Bromoform	0.301	0.351	-16.6	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.821	-22.9	96	0.00
59 M	2-Hexanone	0.540	0.626	-15.9	93	0.00
60 S	4-Bromofluorobenzene	0.515	0.516	-0.2	84	0.00
61 M	Tetrachloroethene	0.356	0.315	11.5	71	0.00
62 M	Toluene	1.652	1.580	4.4	76	0.00
63 S	Toluene-d8	1.326	1.303	1.7	73	0.00
64 M	Chlorobenzene	1.010	0.963	4.7	84	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.419	-8.8	98	0.00
66 M	Ethyl Benzene	1.905	1.693	11.1	80	0.00
67 M	m/p-Xylenes	0.704	0.621	11.8	79	0.00
68 M	o-Xylene	0.677	0.625	7.7	81	0.00
69 M	Styrene	1.138	1.070	6.0	82	0.00
70	Isopropylbenzene	1.830	1.587	13.3	77	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.776	-20.9	105	0.00
72	1,2,3-Trichloropropane	0.577	0.689	-19.4	111	0.00
73	Bromobenzene	0.433	0.426	1.6	87	0.00
74	n-propylbenzene	2.260	1.884	16.6	75	0.00
75	2-Chlorotoluene	1.341	1.205	10.1	82	0.00
76	1,3,5-Trimethylbenzene	1.611	1.392	13.6	78	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.191	-6.7	95	0.00
78	4-Chlorotoluene	1.600	1.432	10.5	85	0.00
79	tert-butylbenzene	1.504	1.272	15.4	79	0.00
80	1,2,4-Trimethylbenzene	1.587	1.389	12.5	82	0.00
81	sec-Butylbenzene	1.985	1.569	21.0	74	0.00
82	p-Isopropyltoluene	1.625	1.304	19.8	75	0.00
83 M	1,3-Dichlorobenzene	0.843	0.760	9.8	82	0.00
84 M	1,4-Dichlorobenzene	0.862	0.762	11.6	81	0.00
85	n-Butylbenzene	1.581	1.207	23.7	71	0.00
86 T	Hexachloroethane	0.284	0.234	17.6	81	0.00
87 M	1,2-Dichlorobenzene	0.819	0.766	6.5	84	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.202	-17.4	106	0.00
89	1,2,4-Trichlorobenzene	0.552	0.474	14.1	78	0.00
90	Hexachlorobutadiene	0.223	0.164	26.5#	67	0.00
91 M	Naphthalene	1.799	1.750	2.7	89	0.00
92	1,2,3-Trichlorobenzene	0.544	0.478	12.1	80	0.00

(#) = Out of Range

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