

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040591.D
 Acq On : 05 Mar 2024 16:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 06 00:14:47 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	90	0.00
2 M	Dichlorodifluoromethane	2.035	2.166	-6.4	108	0.00
3 M	Chloromethane	2.085	2.121	-1.7	100	0.00
4 M	Vinyl Chloride	2.253	2.308	-2.4	103	0.00
5 M	Bromomethane	1.376	1.627	-18.2	100	0.01
6 M	Chloroethane	1.324	1.325	-0.1	109	0.02
7 M	Trichlorofluoromethane	3.430	3.412	0.5	106	0.01
8 T	Diethyl Ether	1.165	1.151	1.2	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.951	-3.8	105	0.00
10 M	1,1-Dichloroethene	1.789	1.790	-0.1	103	0.00
11	Methyl Iodide	2.164	2.078	4.0	101	0.00
12	Methyl Acetate	2.947	2.898	1.7	100	0.00
13 M	Acrolein	0.556	0.504	9.4	94	0.00
14 M	Acrylonitrile	1.160	1.161	-0.1	101	0.00
15 M	Acetone	0.332	0.321	3.3	91	0.00
16 M	Carbon Disulfide	4.917	4.872	0.9	104	0.00
17	Allyl chloride	3.301	3.293	0.2	102	0.00
18 M	Methylene Chloride	2.043	2.095	-2.5	104	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.957	-0.2	101	0.00
20 T	Diisopropyl ether	6.603	6.455	2.2	100	0.00
21 M	1,1-Dichloroethane	3.799	3.813	-0.4	101	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.272	-0.2	100	0.00
23 M	tert-Butyl Alcohol	0.548	0.517	5.7	99	-0.04
24 M	Methyl tert-Butyl Ether	6.602	6.648	-0.7	103	0.00
25 M	Chloroform	4.158	4.197	-0.9	103	0.00
26	Cyclohexane	3.066	3.143	-2.5	108	0.00
27 s	1,2-Dichloroethane-d4	2.996	2.884	3.7	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.519	0.559	-7.7	109	0.00
30 M	2-Butanone	0.317	0.326	-2.8	99	0.00
31	2,2-Dichloropropane	0.560	0.602	-7.5	105	0.00
32 M	1,1,1-Trichloroethane	0.654	0.690	-5.5	106	0.00
33 M	Carbon Tetrachloride	0.551	0.568	-3.1	105	0.00
34 M	Benzene	1.402	1.472	-5.0	103	0.00
35	Methacrylonitrile	0.325	0.330	-1.5	98	0.00
36 M	1,2-Dichloroethane	0.648	0.688	-6.2	103	0.00
37 M	Trichloroethene	0.377	0.406	-7.7	107	0.00
38	Methylcyclohexane	0.559	0.624	-11.6	110	0.00
39 M	1,2-Dichloropropane	0.357	0.392	-9.8	105	0.00
40	Dibromomethane	0.280	0.300	-7.1	101	0.00
41 M	Bromodichloromethane	0.558	0.565	-1.3	99	0.00
42 M	Vinyl Acetate	1.091	1.132	-3.8	103	0.00
43	Ethyl Acetate	0.597	0.630	-5.5	100	0.00
44	Isopropyl Acetate	0.953	0.986	-3.5	103	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	98	0.00
46	Methyl methacrylate	0.473	0.499	-5.5	101	0.00
47	n-amyl Acetate	0.821	0.829	-1.0	111	0.00
48 M	t-1,3-Dichloropropene	0.590	0.606	-2.7	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.647	-7.7	108	0.00
50 M	1,1,2-Trichloroethane	0.372	0.396	-6.5	103	0.00
51	Ethyl methacrylate	0.586	0.615	-4.9	102	0.00
52	1,3-Dichloropropane	0.636	0.686	-7.9	103	0.00
53 M	Dibromochloromethane	0.425	0.415	2.4	97	0.00
54 M	1,2-Dibromoethane	0.412	0.433	-5.1	103	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.302	-1.0	95	0.00
56 M	Bromoform	0.301	0.304	-1.0	107	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.670	-0.3	100	0.00
59 M	2-Hexanone	0.540	0.507	6.1	96	0.00
60 S	4-Bromofluorobenzene	0.515	0.487	5.4	101	0.00
61 M	Tetrachloroethene	0.356	0.381	-7.0	109	0.00
62 M	Toluene	1.652	1.686	-2.1	103	0.00
63 S	Toluene-d8	1.326	1.326	0.0	95	0.00
64 M	Chlorobenzene	1.010	1.050	-4.0	117	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.380	1.3	113	0.00
66 M	Ethyl Benzene	1.905	1.954	-2.6	117	0.00
67 M	m/p-Xylenes	0.704	0.718	-2.0	116	0.00
68 M	o-Xylene	0.677	0.700	-3.4	116	0.00
69 M	Styrene	1.138	1.152	-1.2	113	0.00
70	Isopropylbenzene	1.830	1.935	-5.7	120	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.600	6.5	103	0.00
72	1,2,3-Trichloropropane	0.577	0.524	9.2	107	0.00
73	Bromobenzene	0.433	0.425	1.8	111	0.00
74	n-propylbenzene	2.260	2.216	1.9	113	0.00
75	2-Chlorotoluene	1.341	1.281	4.5	110	0.00
76	1,3,5-Trimethylbenzene	1.611	1.515	6.0	108	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.171	4.5	108	0.00
78	4-Chlorotoluene	1.600	1.476	7.8	111	0.00
79	tert-butylbenzene	1.504	1.436	4.5	114	0.00
80	1,2,4-Trimethylbenzene	1.587	1.552	2.2	116	0.00
81	sec-Butylbenzene	1.985	1.888	4.9	113	0.00
82	p-Isopropyltoluene	1.625	1.545	4.9	113	0.00
83 M	1,3-Dichlorobenzene	0.843	0.799	5.2	110	0.00
84 M	1,4-Dichlorobenzene	0.862	0.815	5.5	110	0.00
85	n-Butylbenzene	1.581	1.464	7.4	110	0.00
86 T	Hexachloroethane	0.284	0.275	3.2	121	0.00
87 M	1,2-Dichlorobenzene	0.819	0.768	6.2	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.167	2.9	112	0.00
89	1,2,4-Trichlorobenzene	0.552	0.554	-0.4	116	0.00
90	Hexachlorobutadiene	0.223	0.229	-2.7	119	0.00
91 M	Naphthalene	1.799	1.770	1.6	115	0.00
92	1,2,3-Trichlorobenzene	0.544	0.566	-4.0	120	0.00

(#) = Out of Range

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