

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041614.D
 Acq On : 23 May 2024 08:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 24 05:29:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	104	0.00
2 M	Dichlorodifluoromethane	1.569	1.491	5.0	108	0.00
3 M	Chloromethane	1.718	1.578	8.1	97	0.00
4 M	Vinyl Chloride	1.809	1.634	9.7	97	0.00
5 M	Bromomethane	1.151	1.059	8.0	102	0.00
6 M	Chloroethane	0.915	1.138	-24.4	135	0.00
7 M	Trichlorofluoromethane	2.746	2.944	-7.2	113	0.00
8 T	Diethyl Ether	1.025	1.102	-7.5	119	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.642	-3.1	102	0.00
10 M	1,1-Dichloroethene	1.535	1.506	1.9	97	0.00
11	Methyl Iodide	1.828	1.878	-2.7	110	0.00
12	Methyl Acetate	2.312	2.400	-3.8	109	0.00
13 M	Acrolein	0.281	0.260	7.5	94	0.00
14 M	Acrylonitrile	1.016	0.978	3.7	105	0.00
15 M	Acetone	0.272	0.360	-32.4#	132	0.00
16 M	Carbon Disulfide	3.465	3.090	10.8	100	0.00
17	Allyl chloride	2.724	2.644	2.9	102	0.00
18 M	Methylene Chloride	1.826	1.800	1.4	102	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.574	10.6	96	0.00
20 T	Diisopropyl ether	5.723	5.368	6.2	100	0.00
21 M	1,1-Dichloroethane	3.212	2.987	7.0	101	0.00
22 M	cis-1,2-Dichloroethene	2.139	1.905	10.9	98	0.00
23 M	tert-Butyl Alcohol	0.431	0.436	-1.2	110	-0.02
24 M	Methyl tert-Butyl Ether	5.730	5.260	8.2	100	0.00
25 M	Chloroform	3.422	3.237	5.4	102	0.00
26	Cyclohexane	2.678	2.417	9.7	97	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.352	0.4	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.397	0.378	4.8	100	0.00
30 M	2-Butanone	0.263	0.281	-6.8	111	0.00
31	2,2-Dichloropropane	0.466	0.440	5.6	98	0.00
32 M	1,1,1-Trichloroethane	0.532	0.510	4.1	101	0.00
33 M	Carbon Tetrachloride	0.456	0.443	2.9	103	0.00
34 M	Benzene	1.253	1.192	4.9	98	0.00
35	Methacrylonitrile	0.266	0.271	-1.9	106	-0.01
36 M	1,2-Dichloroethane	0.468	0.465	0.6	103	0.00
37 M	Trichloroethene	0.349	0.329	5.7	98	0.00
38	Methylcyclohexane	0.504	0.468	7.1	97	0.00
39 M	1,2-Dichloropropane	0.296	0.278	6.1	96	0.00
40	Dibromomethane	0.233	0.230	1.3	105	0.00
41 M	Bromodichloromethane	0.438	0.428	2.3	106	0.00
42 M	Vinyl Acetate	0.914	0.874	4.4	100	0.00
43	Ethyl Acetate	0.508	0.462	9.1	95	0.00
44	Isopropyl Acetate	0.768	0.760	1.0	105	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	95	0.00
46	Methyl methacrylate	0.382	0.373	2.4	104	0.00
47	n-amyl Acetate	0.697	0.653	6.3	101	0.00
48 M	t-1,3-Dichloropropene	0.440	0.407	7.5	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.456	4.2	104	0.00
50 M	1,1,2-Trichloroethane	0.324	0.325	-0.3	105	0.00
51	Ethyl methacrylate	0.522	0.492	5.7	102	0.00
52	1,3-Dichloropropane	0.536	0.527	1.7	101	0.00
53 M	Dibromochloromethane	0.369	0.362	1.9	108	0.00
54 M	1,2-Dibromoethane	0.344	0.340	1.2	103	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.261	-2.4	105	0.00
56 M	Bromoform	0.296	0.283	4.4	111	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	0.548	0.571	-4.2	104	0.00
59 M	2-Hexanone	0.437	0.458	-4.8	108	0.00
60 S	4-Bromofluorobenzene	0.468	0.486	-3.8	103	0.00
61 M	Tetrachloroethene	0.367	0.356	3.0	100	0.00
62 M	Toluene	1.493	1.471	1.5	100	0.00
63 S	Toluene-d8	1.286	1.316	-2.3	102	0.00
64 M	Chlorobenzene	1.014	1.006	0.8	103	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.358	0.3	105	0.00
66 M	Ethyl Benzene	1.658	1.611	2.8	99	0.00
67 M	m/p-Xylenes	0.648	0.652	-0.6	100	0.00
68 M	o-Xylene	0.652	0.646	0.9	102	0.00
69 M	Styrene	1.094	1.076	1.6	103	0.00
70	Isopropylbenzene	1.649	1.675	-1.6	101	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.570	-0.7	103	0.00
72	1,2,3-Trichloropropane	0.511	0.478	6.5	95	0.00
73	Bromobenzene	0.484	0.475	1.9	102	0.00
74	n-propylbenzene	1.859	1.859	0.0	103	0.00
75	2-Chlorotoluene	1.167	1.165	0.2	102	0.00
76	1,3,5-Trimethylbenzene	1.407	1.379	2.0	101	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.154	4.3	107	0.00
78	4-Chlorotoluene	1.330	1.326	0.3	102	0.00
79	tert-butylbenzene	1.498	1.498	0.0	103	0.00
80	1,2,4-Trimethylbenzene	1.411	1.378	2.3	99	0.00
81	sec-Butylbenzene	1.750	1.751	-0.1	103	0.00
82	p-Isopropyltoluene	1.532	1.506	1.7	102	0.00
83 M	1,3-Dichlorobenzene	0.869	0.843	3.0	102	0.00
84 M	1,4-Dichlorobenzene	0.878	0.848	3.4	101	0.00
85	n-Butylbenzene	1.233	1.182	4.1	104	0.00
86 T	Hexachloroethane	0.258	0.253	1.9	109	0.00
87 M	1,2-Dichlorobenzene	0.887	0.866	2.4	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.122	1.6	105	0.00
89	1,2,4-Trichlorobenzene	0.596	0.564	5.4	102	0.00
90	Hexachlorobutadiene	0.291	0.286	1.7	103	0.00
91 M	Naphthalene	1.781	1.723	3.3	102	0.00
92	1,2,3-Trichlorobenzene	0.609	0.592	2.8	101	0.00

(#) = Out of Range

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