

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041586.D
 Acq On : 21 May 2024 16:53
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 22 02:55:00 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	98	0.00
2 M	Dichlorodifluoromethane	1.569	1.600	-2.0	108	0.00
3 M	Chloromethane	1.718	1.756	-2.2	101	0.00
4 M	Vinyl Chloride	1.809	1.834	-1.4	101	0.00
5 M	Bromomethane	1.151	1.118	2.9	101	0.00
6 M	Chloroethane	0.915	1.078	-17.8	120	0.00
7 M	Trichlorofluoromethane	2.746	2.975	-8.3	107	0.00
8 T	Diethyl Ether	1.025	1.174	-14.5	118	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.757	-10.4	102	0.00
10 M	1,1-Dichloroethene	1.535	1.661	-8.2	100	0.00
11	Methyl Iodide	1.828	1.926	-5.4	105	0.00
12	Methyl Acetate	2.312	2.650	-14.6	113	0.00
13 M	Acrolein	0.281	0.301	-7.1	102	0.00
14 M	Acrylonitrile	1.016	1.068	-5.1	107	0.00
15 M	Acetone	0.272	0.313	-15.1	107	0.00
16 M	Carbon Disulfide	3.465	3.554	-2.6	107	0.00
17	Allyl chloride	2.724	2.902	-6.5	105	0.00
18 M	Methylene Chloride	1.826	1.974	-8.1	104	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.735	1.4	99	0.00
20 T	Diisopropyl ether	5.723	5.922	-3.5	103	0.00
21 M	1,1-Dichloroethane	3.212	3.337	-3.9	105	0.00
22 M	cis-1,2-Dichloroethene	2.139	2.173	-1.6	104	0.00
23 M	tert-Butyl Alcohol	0.431	0.436	-1.2	103	-0.01
24 M	Methyl tert-Butyl Ether	5.730	5.911	-3.2	105	0.00
25 M	Chloroform	3.422	3.537	-3.4	104	0.00
26	Cyclohexane	2.678	2.602	2.8	98	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.365	-0.1	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.397	0.402	-1.3	103	0.00
30 M	2-Butanone	0.263	0.284	-8.0	108	0.00
31	2,2-Dichloropropane	0.466	0.479	-2.8	103	0.00
32 M	1,1,1-Trichloroethane	0.532	0.543	-2.1	103	0.00
33 M	Carbon Tetrachloride	0.456	0.476	-4.4	107	-0.01
34 M	Benzene	1.253	1.280	-2.2	101	-0.01
35	Methacrylonitrile	0.266	0.286	-7.5	108	-0.02
36 M	1,2-Dichloroethane	0.468	0.493	-5.3	105	-0.01
37 M	Trichloroethene	0.349	0.350	-0.3	101	0.00
38	Methylcyclohexane	0.504	0.503	0.2	100	0.00
39 M	1,2-Dichloropropane	0.296	0.302	-2.0	100	0.00
40	Dibromomethane	0.233	0.241	-3.4	106	0.00
41 M	Bromodichloromethane	0.438	0.456	-4.1	108	0.00
42 M	Vinyl Acetate	0.914	0.960	-5.0	105	0.00
43	Ethyl Acetate	0.508	0.538	-5.9	106	0.00
44	Isopropyl Acetate	0.768	0.799	-4.0	106	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	96	0.00
46	Methyl methacrylate	0.382	0.407	-6.5	109	0.00
47	n-amyl Acetate	0.697	0.716	-2.7	106	0.00
48 M	t-1,3-Dichloropropene	0.440	0.448	-1.8	109	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041586.D
 Acq On : 21 May 2024 16:53
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 22 02:55:00 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)
49 T	cis-1,3-Dichloropropene	0.476	0.487	-2.3	107	0.00
50 M	1,1,2-Trichloroethane	0.324	0.340	-4.9	106	0.00
51	Ethyl methacrylate	0.522	0.532	-1.9	106	0.00
52	1,3-Dichloropropane	0.536	0.577	-7.6	107	0.00
53 M	Dibromochloromethane	0.369	0.394	-6.8	113	0.00
54 M	1,2-Dibromoethane	0.344	0.372	-8.1	108	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.227	11.0	88	0.00
56 M	Bromoform	0.296	0.308	-4.1	116	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.548	0.604	-10.2	109	0.00
59 M	2-Hexanone	0.437	0.473	-8.2	110	0.00
60 S	4-Bromofluorobenzene	0.468	0.478	-2.1	99	0.00
61 M	Tetrachloroethene	0.367	0.369	-0.5	102	0.00
62 M	Toluene	1.493	1.529	-2.4	103	0.00
63 S	Toluene-d8	1.286	1.269	1.3	97	0.00
64 M	Chlorobenzene	1.014	1.050	-3.6	106	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.374	-4.2	108	0.00
66 M	Ethyl Benzene	1.658	1.695	-2.2	103	0.00
67 M	m/p-Xylenes	0.648	0.680	-4.9	103	0.00
68 M	o-Xylene	0.652	0.678	-4.0	106	0.00
69 M	Styrene	1.094	1.143	-4.5	107	0.00
70	Isopropylbenzene	1.649	1.749	-6.1	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.610	-7.8	109	0.00
72	1,2,3-Trichloropropane	0.511	0.502	1.8	98	0.00
73	Bromobenzene	0.484	0.503	-3.9	107	0.00
74	n-propylbenzene	1.859	1.941	-4.4	106	0.00
75	2-Chlorotoluene	1.167	1.233	-5.7	106	0.00
76	1,3,5-Trimethylbenzene	1.407	1.460	-3.8	105	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.166	-3.1	114	0.00
78	4-Chlorotoluene	1.330	1.388	-4.4	105	0.00
79	tert-butylbenzene	1.498	1.564	-4.4	106	0.00
80	1,2,4-Trimethylbenzene	1.411	1.484	-5.2	105	0.00
81	sec-Butylbenzene	1.750	1.826	-4.3	106	0.00
82	p-Isopropyltoluene	1.532	1.592	-3.9	106	0.00
83 M	1,3-Dichlorobenzene	0.869	0.899	-3.5	107	0.00
84 M	1,4-Dichlorobenzene	0.878	0.905	-3.1	107	0.00
85	n-Butylbenzene	1.233	1.226	0.6	106	0.00
86 T	Hexachloroethane	0.258	0.254	1.6	108	0.00
87 M	1,2-Dichlorobenzene	0.887	0.921	-3.8	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.132	-6.5	112	0.00
89	1,2,4-Trichlorobenzene	0.596	0.619	-3.9	110	0.00
90	Hexachlorobutadiene	0.291	0.308	-5.8	109	0.00
91 M	Naphthalene	1.781	1.932	-8.5	113	0.00
92	1,2,3-Trichlorobenzene	0.609	0.655	-7.6	110	0.00

(#) = Out of Range

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