

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029984.D
 Acq On : 08 Jul 2022 19:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 09 02:21:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 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	2.051	2.020	1.5	92	0.00
3 M	Chloromethane	2.139	1.991	6.9	90	0.00
4 M	Vinyl Chloride	2.424	2.256	6.9	92	0.00
5 M	Bromomethane	0.999	0.795	20.4	68	0.00
6 M	Chloroethane	1.298	1.291	0.5	93	0.00
7 M	Trichlorofluoromethane	3.073	2.964	3.5	95	0.00
8 T	Diethyl Ether	1.307	1.233	5.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	2.069	1.969	4.8	93	0.00
10 M	1,1-Dichloroethene	2.113	2.030	3.9	94	0.00
11	Methyl Iodide	1.752	0.967	44.8#	71	0.00
12	Methyl Acetate	3.441	3.396	1.3	98	0.00
13 M	Acrolein	0.404	0.269	33.4#	69	0.00
14 M	Acrylonitrile	1.481	1.465	1.1	97	0.00
15 M	Acetone	0.402	0.400	0.5	97	0.00
16 M	Carbon Disulfide	5.515	5.112	7.3	94	0.00
17	Allyl chloride	3.723	3.413	8.3	92	0.00
18 M	Methylene Chloride	2.461	2.334	5.2	92	0.00
19 M	trans-1,2-Dichloroethene	2.293	2.150	6.2	94	0.00
20 T	Diisopropyl ether	7.458	7.093	4.9	96	0.00
21 M	1,1-Dichloroethane	4.015	3.788	5.7	93	0.00
22 M	cis-1,2-Dichloroethene	2.722	2.570	5.6	95	0.00
23 M	tert-Butyl Alcohol	0.678	0.665	1.9	102	0.00
24 M	Methyl tert-Butyl Ether	6.815	6.495	4.7	96	0.00
25 M	Chloroform	4.002	3.838	4.1	97	0.00
26	Cyclohexane	3.720	3.493	6.1	96	0.00
27 s	1,2-Dichloroethane-d4	2.446	2.296	6.1	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.513	0.521	-1.6	99	0.00
30 M	2-Butanone	0.346	0.357	-3.2	96	0.00
31	2,2-Dichloropropane	0.491	0.395	19.6	78	0.00
32 M	1,1,1-Trichloroethane	0.552	0.550	0.4	95	0.00
33 M	Carbon Tetrachloride	0.463	0.462	0.2	96	0.00
34 M	Benzene	1.649	1.671	-1.3	94	0.00
35	Methacrylonitrile	0.351	0.355	-1.1	97	0.00
36 M	1,2-Dichloroethane	0.502	0.502	0.0	95	0.00
37 M	Trichloroethene	0.441	0.447	-1.4	96	0.00
38	Methylcyclohexane	0.666	0.667	-0.2	96	0.00
39 M	1,2-Dichloropropane	0.420	0.417	0.7	93	0.00
40	Dibromomethane	0.285	0.292	-2.5	97	0.00
41 M	Bromodichloromethane	0.508	0.501	1.4	93	0.00
42 M	Vinyl Acetate	1.108	1.109	-0.1	94	0.00
43	Ethyl Acetate	0.653	0.671	-2.8	94	0.00
44	Isopropyl Acetate	0.991	1.002	-1.1	97	0.00
45 T	1,4-Dioxane	0.012	0.012	0.0	97	0.00
46	Methyl methacrylate	0.470	0.472	-0.4	97	0.00
47	n-amyl Acetate	0.852	0.809	5.0	96	0.00
48 M	t-1,3-Dichloropropene	0.562	0.518	7.8	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029984.D
 Acq On : 08 Jul 2022 19:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleID :
 VSTDCCC020

Quant Time: Jul 09 02:21:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 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	0.631	0.599	5.1	91	0.00
50 M	1,1,2-Trichloroethane	0.422	0.420	0.5	93	0.00
51	Ethyl methacrylate	0.656	0.647	1.4	95	0.00
52	1,3-Dichloropropane	0.678	0.696	-2.7	96	0.00
53 M	Dibromochloromethane	0.390	0.382	2.1	95	0.00
54 M	1,2-Dibromoethane	0.438	0.442	-0.9	95	0.00
55 M	2-Chloroethyl vinyl ether	0.338	0.339	-0.3	95	0.00
56 M	Bromoform	0.273	0.260	4.8	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.741	0.755	-1.9	98	0.00
59 M	2-Hexanone	0.573	0.583	-1.7	98	0.00
60 S	4-Bromofluorobenzene	0.565	0.544	3.7	95	0.00
61 M	Tetrachloroethene	0.450	0.459	-2.0	93	0.00
62 M	Toluene	1.996	1.953	2.2	93	0.00
63 S	Toluene-d8	1.627	1.613	0.9	93	0.00
64 M	Chlorobenzene	1.192	1.191	0.1	97	0.00
65	1,1,1,2-Tetrachloroethane	0.416	0.399	4.1	92	0.00
66 M	Ethyl Benzene	2.121	2.115	0.3	96	0.00
67 M	m/p-Xylenes	0.823	0.830	-0.9	96	0.00
68 M	o-Xylene	0.819	0.824	-0.6	95	0.00
69 M	Styrene	1.356	1.355	0.1	97	0.00
70	Isopropylbenzene	2.063	2.047	0.8	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.750	0.736	1.9	95	0.00
72	1,2,3-Trichloropropane	0.674	0.655	2.8	91	0.00
73	Bromobenzene	0.495	0.484	2.2	96	0.00
74	n-propylbenzene	2.475	2.421	2.2	96	0.00
75	2-Chlorotoluene	1.458	1.410	3.3	94	0.00
76	1,3,5-Trimethylbenzene	1.732	1.718	0.8	97	0.00
77	t-1,4-Dichloro-2-butene	0.232	0.193	16.8	86	0.00
78	4-Chlorotoluene	1.636	1.568	4.2	94	0.00
79	tert-butylbenzene	1.685	1.640	2.7	96	0.00
80	1,2,4-Trimethylbenzene	1.781	1.672	6.1	94	0.00
81	sec-Butylbenzene	2.281	2.146	5.9	93	0.00
82	p-Isopropyltoluene	1.836	1.745	5.0	94	0.00
83 M	1,3-Dichlorobenzene	0.957	0.916	4.3	94	0.00
84 M	1,4-Dichlorobenzene	0.971	0.910	6.3	93	0.00
85	n-Butylbenzene	1.723	1.514	12.1	91	0.00
86 T	Hexachloroethane	0.305	0.264	13.4	91	0.00
87 M	1,2-Dichlorobenzene	0.945	0.927	1.9	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.171	0.152	11.1	90	0.00
89	1,2,4-Trichlorobenzene	0.585	0.549	6.2	94	0.00
90	Hexachlorobutadiene	0.222	0.209	5.9	97	0.00
91 M	Naphthalene	2.333	2.205	5.5	93	0.00
92	1,2,3-Trichlorobenzene	0.596	0.579	2.9	99	0.00

(#) = Out of Range

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