

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043061.D
 Acq On : 16 Aug 2024 08:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 23:49:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 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	66	0.00
2 M	Dichlorodifluoromethane	1.710	0.731	57.3#	29#	0.00
3 M	Chloromethane	2.572	0.981	61.9#	26#	0.00
4 M	Vinyl Chloride	2.414	1.010	58.2#	28#	0.00
5 M	Bromomethane	0.628	0.333	47.0#	36#	0.00
6 M	Chloroethane	0.637	0.336	47.3#	35#	0.00
7 M	Trichlorofluoromethane	2.260	1.234	45.4#	36#	0.00
8 T	Diethyl Ether	1.073	0.543	49.4#	33#	0.00
9	1,1,2-Trichlorotrifluoroeth	2.000	0.777	61.1#	26#	0.00
10 M	1,1-Dichloroethene	2.067	0.799	61.3#	26#	0.00
11	Methyl Iodide	2.291	0.825	64.0#	23#	0.00
12	Methyl Acetate	3.735	1.391	62.8#	24#	0.00
13 M	Acrolein	0.614	0.197	67.9#	21#	0.00
14 M	Acrylonitrile	1.423	0.504	64.6#	23#	0.00
15 M	Acetone	0.396	0.149	62.4#	26#	0.00
16 M	Carbon Disulfide	6.110	2.128	65.2#	23#	0.00
17	Allyl chloride	4.065	1.448	64.4#	23#	0.00
18 M	Methylene Chloride	2.394	0.880	63.2#	24#	0.00
19 M	trans-1,2-Dichloroethene	2.172	0.822	62.2#	25#	0.00
20 T	Diisopropyl ether	7.944	2.933	63.1#	24#	0.00
21 M	1,1-Dichloroethane	4.245	1.531	63.9#	24#	0.00
22 M	cis-1,2-Dichloroethene	2.602	0.981	62.3#	25#	0.00
23 M	tert-Butyl Alcohol	0.617	0.181	70.7#	19#	0.00
24 M	Methyl tert-Butyl Ether	7.297	2.659	63.6#	24#	0.00
25 M	Chloroform	3.950	1.460	63.0#	24#	0.00
26	Cyclohexane	3.899	1.372	64.8#	23#	0.00
27 s	1,2-Dichloroethane-d4	2.428	2.210	9.0	59	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
29	1,1-Dichloropropene	0.461	0.181	60.7#	25#	0.00
30 M	2-Butanone	0.330	0.125	62.1#	23#	0.00
31	2,2-Dichloropropane	0.572	0.222	61.2#	24#	0.00
32 M	1,1,1-Trichloroethane	0.555	0.217	60.9#	24#	0.00
33 M	Carbon Tetrachloride	0.454	0.188	58.6#	25#	0.00
34 M	Benzene	1.527	0.592	61.2#	24#	0.00
35	Methacrylonitrile	0.344	0.124	64.0#	22#	0.00
36 M	1,2-Dichloroethane	0.471	0.182	61.4#	24#	0.00
37 M	Trichloroethene	0.344	0.139	59.6#	25#	0.00
38	Methylcyclohexane	0.632	0.251	60.3#	25#	0.00
39 M	1,2-Dichloropropane	0.379	0.144	62.0#	24#	0.00
40	Dibromomethane	0.255	0.100	60.8#	24#	0.00
41 M	Bromodichloromethane	0.508	0.199	60.8#	24#	0.00
42 M	Vinyl Acetate	1.499	0.591	60.6#	23#	0.00
43	Ethyl Acetate	0.631	0.217	65.6#	21#	0.00
44	Isopropyl Acetate	1.028	0.380	63.0#	23#	0.00
45 T	1,4-Dioxane	0.010	0.004	60.0#	23#	0.00
46	Methyl methacrylate	0.486	0.178	63.4#	23#	0.00
47	n-amyl Acetate	0.908	0.323	64.4#	22#	0.00
48 M	t-1,3-Dichloropropene	0.564	0.205	63.7#	22#	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043061.D
 Acq On : 16 Aug 2024 08:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 23:49:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 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	0.616	0.233	62.2#	23#	0.00
50 M	1,1,2-Trichloroethane	0.351	0.142	59.5#	25#	0.00
51	Ethyl methacrylate	0.666	0.243	63.5#	23#	0.00
52	1,3-Dichloropropane	0.616	0.241	60.9#	24#	0.00
53 M	Dibromochloromethane	0.381	0.154	59.6#	25#	0.00
54 M	1,2-Dibromoethane	0.364	0.144	60.4#	24#	0.00
55 M	2-Chloroethyl vinyl ether	0.305	0.114	62.6#	23#	0.00
56 M	Bromoform	0.266	0.104	60.9#	24#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.00
58 M	4-Methyl-2-Pentanone	0.694	0.268	61.4#	24#	0.00
59 M	2-Hexanone	0.542	0.209	61.4#	23#	0.00
60 S	4-Bromofluorobenzene	0.509	0.462	9.2	55	0.00
61 M	Tetrachloroethene	0.316	0.139	56.0#	27#	0.00
62 M	Toluene	1.714	0.678	60.4#	25#	0.00
63 S	Toluene-d8	1.378	1.363	1.1	60	0.00
64 M	Chlorobenzene	1.051	0.428	59.3#	25#	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.147	58.8#	25#	0.00
66 M	Ethyl Benzene	1.862	0.744	60.0#	25#	0.00
67 M	m/p-Xylenes	0.696	0.286	58.9#	25#	0.00
68 M	o-Xylene	0.704	0.289	58.9#	25#	0.00
69 M	Styrene	1.174	0.472	59.8#	24#	0.00
70	Isopropylbenzene	1.748	0.713	59.2#	25#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.647	0.250	61.4#	24#	0.00
72	1,2,3-Trichloropropane	0.554	0.201	63.7#	23#	0.00
73	Bromobenzene	0.401	0.172	57.1#	27#	0.00
74	n-propylbenzene	2.062	0.831	59.7#	24#	0.00
75	2-Chlorotoluene	1.276	0.503	60.6#	24#	0.00
76	1,3,5-Trimethylbenzene	1.425	0.582	59.2#	25#	0.00
77	t-1,4-Dichloro-2-butene	0.259	0.086	66.8#	21#	0.00
78	4-Chlorotoluene	1.385	0.553	60.1#	24#	0.00
79	tert-butylbenzene	1.452	0.607	58.2#	26#	0.00
80	1,2,4-Trimethylbenzene	1.453	0.587	59.6#	25#	0.00
81	sec-Butylbenzene	1.834	0.742	59.5#	25#	0.00
82	p-Isopropyltoluene	1.484	0.606	59.2#	25#	0.00
83 M	1,3-Dichlorobenzene	0.740	0.306	58.6#	25#	0.00
84 M	1,4-Dichlorobenzene	0.741	0.308	58.4#	26#	0.00
85	n-Butylbenzene	1.321	0.516	60.9#	24#	0.00
86 T	Hexachloroethane	0.310	0.119	61.6#	24#	0.00
87 M	1,2-Dichlorobenzene	0.736	0.308	58.2#	26#	0.00
88	1,2-Dibromo-3-Chloropropane	0.151	0.049	67.5#	21#	0.00
89	1,2,4-Trichlorobenzene	0.435	0.173	60.2#	24#	0.00
90	Hexachlorobutadiene	0.162	0.072	55.6#	28#	0.00
91 M	Naphthalene	1.701	0.650	61.8#	23#	0.00
92	1,2,3-Trichlorobenzene	0.444	0.178	59.9#	25#	0.00

(#) = Out of Range

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