

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043072.D
 Acq On : 16 Aug 2024 14:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 23:55:25 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	60	0.00
2 M	Dichlorodifluoromethane	1.710	0.385	77.5#	14#	0.00
3 M	Chloromethane	2.572	0.868	66.3#	21#	0.00
4 M	Vinyl Chloride	2.414	0.746	69.1#	19#	0.00
5 M	Bromomethane	0.628	0.317	49.5#	31#	0.00
6 M	Chloroethane	0.637	0.411	35.5#	39#	0.00
7 M	Trichlorofluoromethane	2.260	0.783	65.4#	21#	0.00
8 T	Diethyl Ether	1.073	0.575	46.4#	32#	0.00
9	1,1,2-Trichlorotrifluoroeth	2.000	0.447	77.6#	14#	0.00
10 M	1,1-Dichloroethene	2.067	0.583	71.8#	17#	0.00
11	Methyl Iodide	2.291	0.745	67.5#	19#	0.00
12	Methyl Acetate	3.735	1.487	60.2#	24#	0.00
13 M	Acrolein	0.614	0.198	67.8#	19#	0.00
14 M	Acrylonitrile	1.423	0.553	61.1#	23#	0.00
15 M	Acetone	0.396	0.136	65.7#	21#	0.00
16 M	Carbon Disulfide	6.110	1.621	73.5#	16#	0.00
17	Allyl chloride	4.065	1.302	68.0#	19#	0.00
18 M	Methylene Chloride	2.394	0.891	62.8#	23#	0.00
19 M	trans-1,2-Dichloroethene	2.172	0.674	69.0#	19#	0.00
20 T	Diisopropyl ether	7.944	2.877	63.8#	21#	0.00
21 M	1,1-Dichloroethane	4.245	1.426	66.4#	20#	0.00
22 M	cis-1,2-Dichloroethene	2.602	0.923	64.5#	21#	0.00
23 M	tert-Butyl Alcohol	0.617	0.224	63.7#	22#	-0.01
24 M	Methyl tert-Butyl Ether	7.297	2.753	62.3#	23#	0.00
25 M	Chloroform	3.950	1.394	64.7#	21#	0.00
26	Cyclohexane	3.899	0.791	79.7#	12#	0.00
27 s	1,2-Dichloroethane-d4	2.428	2.299	5.3	56	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	48#	0.00
29	1,1-Dichloropropene	0.461	0.142	69.2#	15#	0.00
30 M	2-Butanone	0.330	0.146	55.8#	22#	-0.01
31	2,2-Dichloropropane	0.572	0.154	73.1#	13#	0.00
32 M	1,1,1-Trichloroethane	0.555	0.199	64.1#	18#	0.00
33 M	Carbon Tetrachloride	0.454	0.153	66.3#	16#	0.00
34 M	Benzene	1.527	0.605	60.4#	20#	0.00
35	Methacrylonitrile	0.344	0.159	53.8#	23#	-0.01
36 M	1,2-Dichloroethane	0.471	0.215	54.4#	22#	0.00
37 M	Trichloroethene	0.344	0.126	63.4#	18#	0.00
38	Methylcyclohexane	0.632	0.162	74.4#	13#	0.00
39 M	1,2-Dichloropropane	0.379	0.155	59.1#	20#	0.00
40	Dibromomethane	0.255	0.119	53.3#	23#	0.00
41 M	Bromodichloromethane	0.508	0.219	56.9#	21#	0.00
42 M	Vinyl Acetate	1.499	0.695	53.6#	22#	0.00
43	Ethyl Acetate	0.631	0.293	53.6#	23#	0.00
44	Isopropyl Acetate	1.028	0.458	55.4#	22#	0.00
45 T	1,4-Dioxane	0.010	0.004	60.0#	19#	0.00
46	Methyl methacrylate	0.486	0.214	56.0#	22#	0.00
47	n-amyl Acetate	0.908	0.377	58.5#	20#	0.00
48 M	t-1,3-Dichloropropene	0.564	0.213	62.2#	19#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.616	0.238	61.4#	19#	0.00
50 M	1,1,2-Trichloroethane	0.351	0.159	54.7#	22#	0.00
51	Ethyl methacrylate	0.666	0.287	56.9#	21#	0.00
52	1,3-Dichloropropane	0.616	0.272	55.8#	22#	0.00
53 M	Dibromochloromethane	0.381	0.169	55.6#	22#	0.00
54 M	1,2-Dibromoethane	0.364	0.168	53.8#	23#	0.00
55 M	2-Chloroethyl vinyl ether	0.305	0.137	55.1#	22#	0.00
56 M	Bromoform	0.266	0.118	55.6#	22#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	47#	0.00
58 M	4-Methyl-2-Pentanone	0.694	0.336	51.6#	23#	0.00
59 M	2-Hexanone	0.542	0.253	53.3#	22#	0.00
60 S	4-Bromofluorobenzene	0.509	0.459	9.8	43#	0.00
61 M	Tetrachloroethene	0.316	0.114	63.9#	17#	0.00
62 M	Toluene	1.714	0.666	61.1#	19#	0.00
63 S	Toluene-d8	1.378	1.340	2.8	46#	0.00
64 M	Chlorobenzene	1.051	0.417	60.3#	19#	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.148	58.5#	20#	0.00
66 M	Ethyl Benzene	1.862	0.647	65.3#	17#	0.00
67 M	m/p-Xylenes	0.696	0.250	64.1#	17#	0.00
68 M	o-Xylene	0.704	0.262	62.8#	18#	0.00
69 M	Styrene	1.174	0.455	61.2#	18#	0.00
70	Isopropylbenzene	1.748	0.582	66.7#	16#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.647	0.298	53.9#	22#	0.00
72	1,2,3-Trichloropropane	0.554	0.236	57.4#	21#	0.00
73	Bromobenzene	0.401	0.166	58.6#	20#	0.00
74	n-propylbenzene	2.062	0.646	68.7#	15#	0.00
75	2-Chlorotoluene	1.276	0.426	66.6#	16#	0.00
76	1,3,5-Trimethylbenzene	1.425	0.480	66.3#	16#	0.00
77	t-1,4-Dichloro-2-butene	0.259	0.084	67.6#	16#	0.00
78	4-Chlorotoluene	1.385	0.458	66.9#	16#	0.00
79	tert-butylbenzene	1.452	0.498	65.7#	16#	0.00
80	1,2,4-Trimethylbenzene	1.453	0.488	66.4#	16#	0.00
81	sec-Butylbenzene	1.834	0.568	69.0#	15#	0.00
82	p-Isopropyltoluene	1.484	0.460	69.0#	15#	0.00
83 M	1,3-Dichlorobenzene	0.740	0.279	62.3#	18#	0.00
84 M	1,4-Dichlorobenzene	0.741	0.271	63.4#	18#	0.00
85	n-Butylbenzene	1.321	0.374	71.7#	13#	0.00
86 T	Hexachloroethane	0.310	0.091	70.6#	14#	0.00
87 M	1,2-Dichlorobenzene	0.736	0.294	60.1#	19#	0.00
88	1,2-Dibromo-3-Chloropropane	0.151	0.060	60.3#	20#	0.00
89	1,2,4-Trichlorobenzene	0.435	0.160	63.2#	18#	0.00
90	Hexachlorobutadiene	0.162	0.051	68.5#	15#	0.00
91 M	Naphthalene	1.701	0.705	58.6#	20#	0.00
92	1,2,3-Trichlorobenzene	0.444	0.167	62.4#	18#	0.00

(#) = Out of Range

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