

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043020.D
 Acq On : 13 Aug 2024 17:28
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 14 04:35:38 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	83	0.00
2 M	Dichlorodifluoromethane	1.710	1.727	-1.0	88	0.00
3 M	Chloromethane	2.572	2.487	3.3	86	0.00
4 M	Vinyl Chloride	2.414	2.449	-1.4	91	0.00
5 M	Bromomethane	0.628	0.647	-3.0	97	0.00
6 M	Chloroethane	0.637	0.883	-38.6#	123	0.00
7 M	Trichlorofluoromethane	2.260	2.686	-18.8	100	0.00
8 T	Diethyl Ether	1.073	1.118	-4.2	90	0.00
9	1,1,2-Trichlorotrifluoroeth	2.000	1.919	4.0	84	0.00
10 M	1,1-Dichloroethene	2.067	1.966	4.9	81	0.00
11	Methyl Iodide	2.291	2.009	12.3	78	0.00
12	Methyl Acetate	3.735	3.668	1.8	84	0.00
13 M	Acrolein	0.614	0.506	17.6	76	0.00
14 M	Acrylonitrile	1.423	1.405	1.3	86	0.00
15 M	Acetone	0.396	0.378	4.5	77	0.00
16 M	Carbon Disulfide	6.110	5.626	7.9	82	0.00
17	Allyl chloride	4.065	3.916	3.7	80	0.00
18 M	Methylene Chloride	2.394	2.288	4.4	82	0.00
19 M	trans-1,2-Dichloroethene	2.172	2.067	4.8	86	0.00
20 T	Diisopropyl ether	7.944	7.780	2.1	83	0.00
21 M	1,1-Dichloroethane	4.245	3.926	7.5	82	0.00
22 M	cis-1,2-Dichloroethene	2.602	2.521	3.1	84	0.00
23 M	tert-Butyl Alcohol	0.617	0.644	-4.4	88	0.00
24 M	Methyl tert-Butyl Ether	7.297	6.730	7.8	81	0.00
25 M	Chloroform	3.950	3.667	7.2	83	0.00
26	Cyclohexane	3.899	3.656	6.2	84	0.00
27 s	1,2-Dichloroethane-d4	2.428	2.182	10.1	77	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
29	1,1-Dichloropropene	0.461	0.434	5.9	82	0.00
30 M	2-Butanone	0.330	0.323	2.1	82	0.00
31	2,2-Dichloropropane	0.572	0.527	7.9	79	0.00
32 M	1,1,1-Trichloroethane	0.555	0.528	4.9	83	0.00
33 M	Carbon Tetrachloride	0.454	0.444	2.2	86	0.00
34 M	Benzene	1.527	1.465	4.1	83	0.00
35	Methacrylonitrile	0.344	0.335	2.6	83	-0.01
36 M	1,2-Dichloroethane	0.471	0.436	7.4	81	0.00
37 M	Trichloroethene	0.344	0.338	1.7	85	0.00
38	Methylcyclohexane	0.632	0.632	0.0	87	0.00
39 M	1,2-Dichloropropane	0.379	0.369	2.6	84	0.00
40	Dibromomethane	0.255	0.238	6.7	81	0.00
41 M	Bromodichloromethane	0.508	0.487	4.1	84	0.00
42 M	Vinyl Acetate	1.499	1.534	-2.3	84	0.00
43	Ethyl Acetate	0.631	0.627	0.6	89	0.00
44	Isopropyl Acetate	1.028	1.010	1.8	83	0.00
45 T	1,4-Dioxane	0.010	0.008	20.0	72	0.00
46	Methyl methacrylate	0.486	0.452	7.0	82	0.00
47	n-amyl Acetate	0.908	0.891	1.9	86	0.00
48 M	t-1,3-Dichloropropene	0.564	0.527	6.6	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.616	0.592	3.9	83	0.00
50 M	1,1,2-Trichloroethane	0.351	0.345	1.7	85	0.00
51	Ethyl methacrylate	0.666	0.642	3.6	82	0.00
52	1,3-Dichloropropane	0.616	0.602	2.3	84	0.00
53 M	Dibromochloromethane	0.381	0.373	2.1	85	0.00
54 M	1,2-Dibromoethane	0.364	0.361	0.8	85	0.00
55 M	2-Chloroethyl vinyl ether	0.305	0.268	12.1	73	0.00
56 M	Bromoform	0.266	0.253	4.9	83	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.694	0.715	-3.0	86	0.00
59 M	2-Hexanone	0.542	0.550	-1.5	85	0.00
60 S	4-Bromofluorobenzene	0.509	0.480	5.7	81	0.00
61 M	Tetrachloroethene	0.316	0.317	-0.3	87	0.00
62 M	Toluene	1.714	1.707	0.4	85	0.00
63 S	Toluene-d8	1.378	1.374	0.3	82	0.00
64 M	Chlorobenzene	1.051	1.038	1.2	85	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.349	2.2	86	0.00
66 M	Ethyl Benzene	1.862	1.863	-0.1	86	0.00
67 M	m/p-Xylenes	0.696	0.712	-2.3	87	0.00
68 M	o-Xylene	0.704	0.718	-2.0	88	0.00
69 M	Styrene	1.174	1.176	-0.2	86	0.00
70	Isopropylbenzene	1.748	1.791	-2.5	88	0.00
71 M	1,1,2,2-Tetrachloroethane	0.647	0.661	-2.2	88	0.00
72	1,2,3-Trichloropropane	0.554	0.519	6.3	85	0.00
73	Bromobenzene	0.401	0.407	-1.5	88	0.00
74	n-propylbenzene	2.062	2.083	-1.0	89	0.00
75	2-Chlorotoluene	1.276	1.262	1.1	86	0.00
76	1,3,5-Trimethylbenzene	1.425	1.444	-1.3	86	0.00
77	t-1,4-Dichloro-2-butene	0.259	0.224	13.5	77	0.00
78	4-Chlorotoluene	1.385	1.387	-0.1	87	0.00
79	tert-butylbenzene	1.452	1.501	-3.4	89	0.00
80	1,2,4-Trimethylbenzene	1.453	1.455	-0.1	87	0.00
81	sec-Butylbenzene	1.834	1.875	-2.2	90	0.00
82	p-Isopropyltoluene	1.484	1.517	-2.2	90	0.00
83 M	1,3-Dichlorobenzene	0.740	0.765	-3.4	93	0.00
84 M	1,4-Dichlorobenzene	0.741	0.737	0.5	89	0.00
85	n-Butylbenzene	1.321	1.302	1.4	89	0.00
86 T	Hexachloroethane	0.310	0.294	5.2	85	0.00
87 M	1,2-Dichlorobenzene	0.736	0.751	-2.0	89	0.00
88	1,2-Dibromo-3-Chloropropane	0.151	0.133	11.9	81	0.00
89	1,2,4-Trichlorobenzene	0.435	0.428	1.6	91	0.00
90	Hexachlorobutadiene	0.162	0.162	0.0	92	0.00
91 M	Naphthalene	1.701	1.657	2.6	87	0.00
92	1,2,3-Trichlorobenzene	0.444	0.429	3.4	88	0.00

(#) = Out of Range

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