

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041575.D
 Acq On : 16 May 2024 19:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 17 02:44:01 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	100	0.00
2 M	Dichlorodifluoromethane	1.569	1.519	3.2	106	0.00
3 M	Chloromethane	1.718	1.491	13.2	88	0.00
4 M	Vinyl Chloride	1.809	1.557	13.9	88	0.00
5 M	Bromomethane	1.151	0.973	15.5	90	0.00
6 M	Chloroethane	0.915	1.208	-32.0#	138	0.00
7 M	Trichlorofluoromethane	2.746	2.794	-1.7	103	0.00
8 T	Diethyl Ether	1.025	1.075	-4.9	111	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.576	1.0	94	0.00
10 M	1,1-Dichloroethene	1.535	1.540	-0.3	95	0.00
11	Methyl Iodide	1.828	1.778	2.7	100	0.00
12	Methyl Acetate	2.312	2.572	-11.2	112	0.00
13 M	Acrolein	0.281	0.205	27.0#	72	0.00
14 M	Acrylonitrile	1.016	1.068	-5.1	110	0.00
15 M	Acetone	0.272	0.270	0.7	95	0.00
16 M	Carbon Disulfide	3.465	3.539	-2.1	109	0.00
17	Allyl chloride	2.724	2.793	-2.5	103	0.00
18 M	Methylene Chloride	1.826	1.930	-5.7	105	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.716	2.5	101	0.00
20 T	Diisopropyl ether	5.723	5.748	-0.4	103	0.00
21 M	1,1-Dichloroethane	3.212	3.219	-0.2	104	0.00
22 M	cis-1,2-Dichloroethene	2.139	2.093	2.2	103	0.00
23 M	tert-Butyl Alcohol	0.431	0.414	3.9	100	-0.02
24 M	Methyl tert-Butyl Ether	5.730	5.695	0.6	104	0.00
25 M	Chloroform	3.422	3.445	-0.7	104	0.00
26	Cyclohexane	2.678	2.623	2.1	101	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.220	6.0	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.397	0.422	-6.3	104	0.00
30 M	2-Butanone	0.263	0.288	-9.5	106	0.00
31	2,2-Dichloropropane	0.466	0.449	3.6	93	0.00
32 M	1,1,1-Trichloroethane	0.532	0.537	-0.9	98	0.00
33 M	Carbon Tetrachloride	0.456	0.483	-5.9	105	0.00
34 M	Benzene	1.253	1.350	-7.7	103	0.00
35	Methacrylonitrile	0.266	0.297	-11.7	108	-0.02
36 M	1,2-Dichloroethane	0.468	0.509	-8.8	104	0.00
37 M	Trichloroethene	0.349	0.363	-4.0	101	0.00
38	Methylcyclohexane	0.504	0.512	-1.6	98	0.00
39 M	1,2-Dichloropropane	0.296	0.324	-9.5	103	0.00
40	Dibromomethane	0.233	0.250	-7.3	106	0.00
41 M	Bromodichloromethane	0.438	0.458	-4.6	105	0.00
42 M	Vinyl Acetate	0.914	0.968	-5.9	102	0.00
43	Ethyl Acetate	0.508	0.530	-4.3	101	0.00
44	Isopropyl Acetate	0.768	0.826	-7.6	106	0.00
45 T	1,4-Dioxane	0.009	0.009	0.0	93	0.00
46	Methyl methacrylate	0.382	0.399	-4.5	103	0.00
47	n-amyl Acetate	0.697	0.725	-4.0	104	0.00
48 M	t-1,3-Dichloropropene	0.440	0.440	0.0	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.481	-1.1	102	0.00
50 M	1,1,2-Trichloroethane	0.324	0.353	-9.0	106	0.00
51	Ethyl methacrylate	0.522	0.545	-4.4	105	0.00
52	1,3-Dichloropropane	0.536	0.583	-8.8	104	0.00
53 M	Dibromochloromethane	0.369	0.386	-4.6	107	0.00
54 M	1,2-Dibromoethane	0.344	0.370	-7.6	104	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.283	-11.0	106	0.00
56 M	Bromoform	0.296	0.297	-0.3	108	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.548	0.609	-11.1	105	0.00
59 M	2-Hexanone	0.437	0.478	-9.4	107	0.00
60 S	4-Bromofluorobenzene	0.468	0.479	-2.4	96	0.00
61 M	Tetrachloroethene	0.367	0.386	-5.2	102	0.00
62 M	Toluene	1.493	1.596	-6.9	103	0.00
63 S	Toluene-d8	1.286	1.303	-1.3	95	0.00
64 M	Chlorobenzene	1.014	1.085	-7.0	105	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.376	-4.7	104	0.00
66 M	Ethyl Benzene	1.658	1.778	-7.2	104	0.00
67 M	m/p-Xylenes	0.648	0.709	-9.4	103	0.00
68 M	o-Xylene	0.652	0.709	-8.7	106	0.00
69 M	Styrene	1.094	1.164	-6.4	105	0.00
70	Isopropylbenzene	1.649	1.810	-9.8	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.620	-9.5	106	0.00
72	1,2,3-Trichloropropane	0.511	0.573	-12.1	108	0.00
73	Bromobenzene	0.484	0.514	-6.2	105	0.00
74	n-propylbenzene	1.859	1.980	-6.5	103	0.00
75	2-Chlorotoluene	1.167	1.256	-7.6	103	0.00
76	1,3,5-Trimethylbenzene	1.407	1.484	-5.5	103	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.145	9.9	95	0.00
78	4-Chlorotoluene	1.330	1.393	-4.7	101	0.00
79	tert-butylbenzene	1.498	1.585	-5.8	103	0.00
80	1,2,4-Trimethylbenzene	1.411	1.500	-6.3	102	0.00
81	sec-Butylbenzene	1.750	1.857	-6.1	104	0.00
82	p-Isopropyltoluene	1.532	1.612	-5.2	104	0.00
83 M	1,3-Dichlorobenzene	0.869	0.902	-3.8	103	0.00
84 M	1,4-Dichlorobenzene	0.878	0.901	-2.6	102	0.00
85	n-Butylbenzene	1.233	1.213	1.6	101	0.00
86 T	Hexachloroethane	0.258	0.253	1.9	103	0.00
87 M	1,2-Dichlorobenzene	0.887	0.943	-6.3	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.131	-5.6	107	0.00
89	1,2,4-Trichlorobenzene	0.596	0.610	-2.3	104	0.00
90	Hexachlorobutadiene	0.291	0.295	-1.4	101	0.00
91 M	Naphthalene	1.781	1.903	-6.9	106	0.00
92	1,2,3-Trichlorobenzene	0.609	0.634	-4.1	102	0.00

(#) = Out of Range

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