

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041577.D
 Acq On : 21 May 2024 09:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 22 02:50:30 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	103	0.00
2 M	Dichlorodifluoromethane	1.569	1.599	-1.9	114	0.00
3 M	Chloromethane	1.718	1.632	5.0	99	0.00
4 M	Vinyl Chloride	1.809	1.730	4.4	101	0.00
5 M	Bromomethane	1.151	1.004	12.8	96	0.00
6 M	Chloroethane	0.915	1.036	-13.2	122	0.00
7 M	Trichlorofluoromethane	2.746	2.791	-1.6	106	0.00
8 T	Diethyl Ether	1.025	1.014	1.1	108	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.733	-8.9	106	0.00
10 M	1,1-Dichloroethene	1.535	1.610	-4.9	102	0.00
11	Methyl Iodide	1.828	1.548	15.3	89	0.00
12	Methyl Acetate	2.312	2.408	-4.2	108	0.00
13 M	Acrolein	0.281	0.331	-17.8	119	0.00
14 M	Acrylonitrile	1.016	1.000	1.6	106	0.00
15 M	Acetone	0.272	0.359	-32.0#	130	0.00
16 M	Carbon Disulfide	3.465	3.486	-0.6	111	0.00
17	Allyl chloride	2.724	2.828	-3.8	108	0.00
18 M	Methylene Chloride	1.826	1.849	-1.3	103	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.654	6.0	100	0.00
20 T	Diisopropyl ether	5.723	5.607	2.0	103	0.00
21 M	1,1-Dichloroethane	3.212	3.120	2.9	104	0.00
22 M	cis-1,2-Dichloroethene	2.139	1.993	6.8	101	-0.01
23 M	tert-Butyl Alcohol	0.431	0.411	4.6	102	-0.02
24 M	Methyl tert-Butyl Ether	5.730	5.433	5.2	102	0.00
25 M	Chloroform	3.422	3.323	2.9	103	0.00
26	Cyclohexane	2.678	2.612	2.5	104	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.415	-2.2	105	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	-0.01
29	1,1-Dichloropropene	0.397	0.393	1.0	104	0.00
30 M	2-Butanone	0.263	0.279	-6.1	111	-0.01
31	2,2-Dichloropropane	0.466	0.467	-0.2	105	0.00
32 M	1,1,1-Trichloroethane	0.532	0.529	0.6	105	0.00
33 M	Carbon Tetrachloride	0.456	0.463	-1.5	108	-0.01
34 M	Benzene	1.253	1.227	2.1	101	-0.01
35	Methacrylonitrile	0.266	0.265	0.4	104	-0.02
36 M	1,2-Dichloroethane	0.468	0.467	0.2	103	0.00
37 M	Trichloroethene	0.349	0.334	4.3	100	0.00
38	Methylcyclohexane	0.504	0.492	2.4	102	0.00
39 M	1,2-Dichloropropane	0.296	0.298	-0.7	103	-0.01
40	Dibromomethane	0.233	0.230	1.3	105	0.00
41 M	Bromodichloromethane	0.438	0.443	-1.1	110	0.00
42 M	Vinyl Acetate	0.914	0.898	1.8	103	0.00
43	Ethyl Acetate	0.508	0.487	4.1	100	-0.01
44	Isopropyl Acetate	0.768	0.754	1.8	104	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	93	0.00
46	Methyl methacrylate	0.382	0.373	2.4	104	0.00
47	n-amyl Acetate	0.697	0.671	3.7	104	0.00
48 M	t-1,3-Dichloropropene	0.440	0.426	3.2	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.474	0.4	109	0.00
50 M	1,1,2-Trichloroethane	0.324	0.320	1.2	104	0.00
51	Ethyl methacrylate	0.522	0.490	6.1	102	0.00
52	1,3-Dichloropropane	0.536	0.530	1.1	102	0.00
53 M	Dibromochloromethane	0.369	0.372	-0.8	112	0.00
54 M	1,2-Dibromoethane	0.344	0.343	0.3	104	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.254	0.4	102	0.00
56 M	Bromoform	0.296	0.298	-0.7	117	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	0.548	0.548	0.0	103	0.00
59 M	2-Hexanone	0.437	0.448	-2.5	109	0.00
60 S	4-Bromofluorobenzene	0.468	0.480	-2.6	104	0.00
61 M	Tetrachloroethene	0.367	0.356	3.0	103	0.00
62 M	Toluene	1.493	1.457	2.4	102	0.00
63 S	Toluene-d8	1.286	1.269	1.3	101	0.00
64 M	Chlorobenzene	1.014	0.986	2.8	104	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.358	0.3	108	0.00
66 M	Ethyl Benzene	1.658	1.631	1.6	104	0.00
67 M	m/p-Xylenes	0.648	0.646	0.3	102	0.00
68 M	o-Xylene	0.652	0.640	1.8	105	0.00
69 M	Styrene	1.094	1.075	1.7	105	0.00
70	Isopropylbenzene	1.649	1.654	-0.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.568	-0.4	106	0.00
72	1,2,3-Trichloropropane	0.511	0.464	9.2	95	0.00
73	Bromobenzene	0.484	0.457	5.6	101	0.00
74	n-propylbenzene	1.859	1.879	-1.1	107	0.00
75	2-Chlorotoluene	1.167	1.179	-1.0	106	0.00
76	1,3,5-Trimethylbenzene	1.407	1.403	0.3	106	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.151	6.2	109	0.00
78	4-Chlorotoluene	1.330	1.311	1.4	104	0.00
79	tert-butylbenzene	1.498	1.470	1.9	104	0.00
80	1,2,4-Trimethylbenzene	1.411	1.406	0.4	104	0.00
81	sec-Butylbenzene	1.750	1.747	0.2	106	0.00
82	p-Isopropyltoluene	1.532	1.532	0.0	107	0.00
83 M	1,3-Dichlorobenzene	0.869	0.858	1.3	107	0.00
84 M	1,4-Dichlorobenzene	0.878	0.862	1.8	106	0.00
85	n-Butylbenzene	1.233	1.221	1.0	111	0.00
86 T	Hexachloroethane	0.258	0.251	2.7	111	0.00
87 M	1,2-Dichlorobenzene	0.887	0.874	1.5	105	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.123	0.8	110	0.00
89	1,2,4-Trichlorobenzene	0.596	0.589	1.2	109	0.00
90	Hexachlorobutadiene	0.291	0.296	-1.7	110	0.00
91 M	Naphthalene	1.781	1.738	2.4	106	0.00
92	1,2,3-Trichlorobenzene	0.609	0.602	1.1	106	0.00

(#) = Out of Range

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