

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041778.D
 Acq On : 07 Jun 2024 09:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 04:01:17 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	93	0.00
2 M	Dichlorodifluoromethane	1.569	1.607	-2.4	104	0.00
3 M	Chloromethane	1.718	1.738	-1.2	96	0.00
4 M	Vinyl Chloride	1.809	1.806	0.2	96	0.00
5 M	Bromomethane	1.151	1.214	-5.5	105	0.00
6 M	Chloroethane	0.915	1.121	-22.5	119	0.00
7 M	Trichlorofluoromethane	2.746	2.921	-6.4	101	0.00
8 T	Diethyl Ether	1.025	1.199	-17.0	116	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.832	-15.1	102	0.00
10 M	1,1-Dichloroethene	1.535	1.665	-8.5	96	0.00
11	Methyl Iodide	1.828	2.169	-18.7	113	0.00
12	Methyl Acetate	2.312	3.370	-45.8#	137	0.00
13 M	Acrolein	0.281	0.178	36.7#	58	0.00
14 M	Acrylonitrile	1.016	1.212	-19.3	116	0.00
15 M	Acetone	0.272	0.336	-23.5	110	0.00
16 M	Carbon Disulfide	3.465	2.834	18.2	82	0.00
17	Allyl chloride	2.724	2.981	-9.4	103	0.00
18 M	Methylene Chloride	1.826	2.071	-13.4	105	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.741	1.1	95	0.00
20 T	Diisopropyl ether	5.723	6.310	-10.3	105	0.00
21 M	1,1-Dichloroethane	3.212	3.484	-8.5	105	0.00
22 M	cis-1,2-Dichloroethene	2.139	2.184	-2.1	100	0.00
23 M	tert-Butyl Alcohol	0.431	0.439	-1.9	99	-0.01
24 M	Methyl tert-Butyl Ether	5.730	6.108	-6.6	104	0.00
25 M	Chloroform	3.422	3.678	-7.5	104	0.00
26	Cyclohexane	2.678	2.638	1.5	95	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.421	-2.5	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.397	0.392	1.3	96	0.00
30 M	2-Butanone	0.263	0.310	-17.9	113	0.00
31	2,2-Dichloropropane	0.466	0.458	1.7	94	0.00
32 M	1,1,1-Trichloroethane	0.532	0.541	-1.7	99	0.00
33 M	Carbon Tetrachloride	0.456	0.460	-0.9	99	0.00
34 M	Benzene	1.253	1.331	-6.2	101	0.00
35	Methacrylonitrile	0.266	0.310	-16.5	112	-0.01
36 M	1,2-Dichloroethane	0.468	0.509	-8.8	104	0.00
37 M	Trichloroethene	0.349	0.351	-0.6	97	0.00
38	Methylcyclohexane	0.504	0.489	3.0	93	0.00
39 M	1,2-Dichloropropane	0.296	0.329	-11.1	104	0.00
40	Dibromomethane	0.233	0.253	-8.6	107	0.00
41 M	Bromodichloromethane	0.438	0.461	-5.3	105	0.00
42 M	Vinyl Acetate	0.914	0.963	-5.4	101	0.00
43	Ethyl Acetate	0.508	0.575	-13.2	109	0.00
44	Isopropyl Acetate	0.768	0.854	-11.2	109	0.00
45 T	1,4-Dioxane	0.009	0.007	22.2	80	0.00
46	Methyl methacrylate	0.382	0.424	-11.0	109	0.00
47	n-amyl Acetate	0.697	0.742	-6.5	105	0.00
48 M	t-1,3-Dichloropropene	0.440	0.433	1.6	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.494	-3.8	104	0.00
50 M	1,1,2-Trichloroethane	0.324	0.364	-12.3	108	0.00
51	Ethyl methacrylate	0.522	0.560	-7.3	107	0.00
52	1,3-Dichloropropane	0.536	0.603	-12.5	107	0.00
53 M	Dibromochloromethane	0.369	0.380	-3.0	105	0.00
54 M	1,2-Dibromoethane	0.344	0.374	-8.7	104	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.265	-3.9	98	0.00
56 M	Bromoform	0.296	0.294	0.7	106	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.548	0.660	-20.4	113	0.00
59 M	2-Hexanone	0.437	0.509	-16.5	112	0.00
60 S	4-Bromofluorobenzene	0.468	0.487	-4.1	97	0.00
61 M	Tetrachloroethene	0.367	0.367	0.0	97	0.00
62 M	Toluene	1.493	1.570	-5.2	101	0.00
63 S	Toluene-d8	1.286	1.268	1.4	92	0.00
64 M	Chlorobenzene	1.014	1.083	-6.8	104	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.379	-5.6	104	0.00
66 M	Ethyl Benzene	1.658	1.750	-5.5	101	0.00
67 M	m/p-Xylenes	0.648	0.693	-6.9	100	0.00
68 M	o-Xylene	0.652	0.684	-4.9	102	0.00
69 M	Styrene	1.094	1.167	-6.7	104	0.00
70	Isopropylbenzene	1.649	1.803	-9.3	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.649	-14.7	110	0.00
72	1,2,3-Trichloropropane	0.511	0.524	-2.5	98	0.00
73	Bromobenzene	0.484	0.508	-5.0	103	0.00
74	n-propylbenzene	1.859	2.004	-7.8	104	0.00
75	2-Chlorotoluene	1.167	1.266	-8.5	104	0.00
76	1,3,5-Trimethylbenzene	1.407	1.494	-6.2	103	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.163	-1.2	106	0.00
78	4-Chlorotoluene	1.330	1.419	-6.7	102	0.00
79	tert-butylbenzene	1.498	1.589	-6.1	103	0.00
80	1,2,4-Trimethylbenzene	1.411	1.512	-7.2	102	0.00
81	sec-Butylbenzene	1.750	1.861	-6.3	103	0.00
82	p-Isopropyltoluene	1.532	1.621	-5.8	103	0.00
83 M	1,3-Dichlorobenzene	0.869	0.903	-3.9	102	0.00
84 M	1,4-Dichlorobenzene	0.878	0.917	-4.4	103	0.00
85	n-Butylbenzene	1.233	1.262	-2.4	104	0.00
86 T	Hexachloroethane	0.258	0.259	-0.4	105	0.00
87 M	1,2-Dichlorobenzene	0.887	0.944	-6.4	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.134	-8.1	108	0.00
89	1,2,4-Trichlorobenzene	0.596	0.604	-1.3	102	0.00
90	Hexachlorobutadiene	0.291	0.304	-4.5	103	0.00
91 M	Naphthalene	1.781	1.871	-5.1	104	0.00
92	1,2,3-Trichlorobenzene	0.609	0.636	-4.4	102	0.00

(#) = Out of Range

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