

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041867.D
 Acq On : 14 Jun 2024 09:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jun 14 09:40:36 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	99	0.00
2 M	Dichlorodifluoromethane	1.569	1.445	7.9	99	0.00
3 M	Chloromethane	1.718	1.741	-1.3	101	0.00
4 M	Vinyl Chloride	1.809	1.762	2.6	99	0.00
5 M	Bromomethane	1.151	0.969	15.8	89	0.00
6 M	Chloroethane	0.915	0.952	-4.0	107	0.00
7 M	Trichlorofluoromethane	2.746	2.691	2.0	98	0.00
8 T	Diethyl Ether	1.025	1.113	-8.6	114	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.779	-11.7	105	0.00
10 M	1,1-Dichloroethene	1.535	1.663	-8.3	101	0.00
11	Methyl Iodide	1.828	2.144	-17.3	119	0.00
12	Methyl Acetate	2.312	3.176	-37.4#	137	0.00
13 M	Acrolein	0.281	0.188	33.1#	65	0.00
14 M	Acrylonitrile	1.016	1.119	-10.1	114	0.00
15 M	Acetone	0.272	0.350	-28.7#	122	0.00
16 M	Carbon Disulfide	3.465	2.852	17.7	87	0.00
17	Allyl chloride	2.724	2.760	-1.3	101	0.00
18 M	Methylene Chloride	1.826	2.012	-10.2	108	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.698	3.5	99	0.00
20 T	Diisopropyl ether	5.723	5.896	-3.0	104	0.00
21 M	1,1-Dichloroethane	3.212	3.258	-1.4	104	0.00
22 M	cis-1,2-Dichloroethene	2.139	2.198	-2.8	107	0.00
23 M	tert-Butyl Alcohol	0.431	0.394	8.6	94	-0.02
24 M	Methyl tert-Butyl Ether	5.730	5.742	-0.2	103	0.00
25 M	Chloroform	3.422	3.380	1.2	101	0.00
26	Cyclohexane	2.678	2.530	5.5	96	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.088	11.6	87	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29	1,1-Dichloropropene	0.397	0.377	5.0	99	0.00
30 M	2-Butanone	0.263	0.271	-3.0	107	0.00
31	2,2-Dichloropropane	0.466	0.445	4.5	99	0.00
32 M	1,1,1-Trichloroethane	0.532	0.484	9.0	95	0.00
33 M	Carbon Tetrachloride	0.456	0.410	10.1	95	0.00
34 M	Benzene	1.253	1.284	-2.5	105	0.00
35	Methacrylonitrile	0.266	0.268	-0.8	104	-0.01
36 M	1,2-Dichloroethane	0.468	0.416	11.1	91	-0.01
37 M	Trichloroethene	0.349	0.345	1.1	102	0.00
38	Methylcyclohexane	0.504	0.487	3.4	100	0.00
39 M	1,2-Dichloropropane	0.296	0.316	-6.8	108	0.00
40	Dibromomethane	0.233	0.227	2.6	103	0.00
41 M	Bromodichloromethane	0.438	0.413	5.7	101	0.00
42 M	Vinyl Acetate	0.914	0.832	9.0	94	0.00
43	Ethyl Acetate	0.508	0.446	12.2	91	0.00
44	Isopropyl Acetate	0.768	0.738	3.9	101	0.00
45 T	1,4-Dioxane	0.009	0.007	22.2	84	0.00
46	Methyl methacrylate	0.382	0.359	6.0	99	0.00
47	n-amyl Acetate	0.697	0.659	5.5	101	0.00
48 M	t-1,3-Dichloropropene	0.440	0.412	6.4	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.476	0.0	108	0.00
50 M	1,1,2-Trichloroethane	0.324	0.354	-9.3	114	0.00
51	Ethyl methacrylate	0.522	0.533	-2.1	109	0.00
52	1,3-Dichloropropane	0.536	0.566	-5.6	108	0.00
53 M	Dibromochloromethane	0.369	0.370	-0.3	110	0.00
54 M	1,2-Dibromoethane	0.344	0.362	-5.2	109	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.287	-12.5	115	0.00
56 M	Bromoform	0.296	0.296	0.0	115	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	104	0.00
59 M	2-Hexanone	0.437	0.427	2.3	104	0.00
60 S	4-Bromofluorobenzene	0.468	0.471	-0.6	103	0.00
61 M	Tetrachloroethene	0.367	0.372	-1.4	108	0.00
62 M	Toluene	1.493	1.494	-0.1	105	0.00
63 S	Toluene-d8	1.286	1.240	3.6	99	0.00
64 M	Chlorobenzene	1.014	1.039	-2.5	110	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.362	-0.8	110	0.00
66 M	Ethyl Benzene	1.658	1.646	0.7	105	0.00
67 M	m/p-Xylenes	0.648	0.661	-2.0	105	0.00
68 M	o-Xylene	0.652	0.663	-1.7	109	0.00
69 M	Styrene	1.094	1.114	-1.8	110	0.00
70	Isopropylbenzene	1.649	1.709	-3.6	107	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.597	-5.5	112	0.00
72	1,2,3-Trichloropropane	0.511	0.627	-22.7	129	0.00
73	Bromobenzene	0.484	0.498	-2.9	111	0.00
74	n-propylbenzene	1.859	1.880	-1.1	107	0.00
75	2-Chlorotoluene	1.167	1.189	-1.9	107	0.00
76	1,3,5-Trimethylbenzene	1.407	1.431	-1.7	108	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.162	-0.6	117	0.00
78	4-Chlorotoluene	1.330	1.323	0.5	105	0.00
79	tert-butylbenzene	1.498	1.519	-1.4	108	0.00
80	1,2,4-Trimethylbenzene	1.411	1.427	-1.1	106	0.00
81	sec-Butylbenzene	1.750	1.804	-3.1	110	0.00
82	p-Isopropyltoluene	1.532	1.571	-2.5	110	0.00
83 M	1,3-Dichlorobenzene	0.869	0.894	-2.9	112	0.00
84 M	1,4-Dichlorobenzene	0.878	0.891	-1.5	110	0.00
85	n-Butylbenzene	1.233	1.204	2.4	109	0.00
86 T	Hexachloroethane	0.258	0.246	4.7	110	0.00
87 M	1,2-Dichlorobenzene	0.887	0.911	-2.7	110	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.114	8.1	102	0.00
89	1,2,4-Trichlorobenzene	0.596	0.605	-1.5	113	0.00
90	Hexachlorobutadiene	0.291	0.307	-5.5	115	0.00
91 M	Naphthalene	1.781	1.815	-1.9	111	0.00
92	1,2,3-Trichlorobenzene	0.609	0.634	-4.1	112	0.00

(#) = Out of Range

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