

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041548.D
 Acq On : 15 May 2024 18:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 16 05:29:48 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	102	0.00
2 M	Dichlorodifluoromethane	1.569	1.495	4.7	105	0.00
3 M	Chloromethane	1.718	1.601	6.8	96	0.00
4 M	Vinyl Chloride	1.809	1.585	12.4	91	0.00
5 M	Bromomethane	1.151	1.058	8.1	99	0.00
6 M	Chloroethane	0.915	0.916	-0.1	106	0.00
7 M	Trichlorofluoromethane	2.746	2.602	5.2	98	0.00
8 T	Diethyl Ether	1.025	0.920	10.2	96	0.00
9	1,1,2-Trichlorotrifluoroeth	1.592	1.580	0.8	95	0.00
10 M	1,1-Dichloroethene	1.535	1.554	-1.2	97	0.00
11	Methyl Iodide	1.828	2.033	-11.2	116	0.00
12	Methyl Acetate	2.312	2.257	2.4	100	0.00
13 M	Acrolein	0.281	0.202	28.1#	72	0.00
14 M	Acrylonitrile	1.016	0.959	5.6	100	0.00
15 M	Acetone	0.272	0.247	9.2	88	0.00
16 M	Carbon Disulfide	3.465	3.209	7.4	101	0.00
17	Allyl chloride	2.724	2.541	6.7	95	0.00
18 M	Methylene Chloride	1.826	1.807	1.0	99	0.00
19 M	trans-1,2-Dichloroethene	1.760	1.613	8.4	96	0.00
20 T	Diisopropyl ether	5.723	5.377	6.0	97	0.00
21 M	1,1-Dichloroethane	3.212	2.990	6.9	98	0.00
22 M	cis-1,2-Dichloroethene	2.139	1.972	7.8	99	0.00
23 M	tert-Butyl Alcohol	0.431	0.414	3.9	102	0.00
24 M	Methyl tert-Butyl Ether	5.730	5.318	7.2	98	0.00
25 M	Chloroform	3.422	3.205	6.3	98	0.00
26	Cyclohexane	2.678	2.444	8.7	96	0.00
27 s	1,2-Dichloroethane-d4	2.362	2.285	3.3	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.397	0.368	7.3	95	0.00
30 M	2-Butanone	0.263	0.252	4.2	97	0.00
31	2,2-Dichloropropane	0.466	0.410	12.0	89	0.00
32 M	1,1,1-Trichloroethane	0.532	0.507	4.7	97	0.00
33 M	Carbon Tetrachloride	0.456	0.427	6.4	97	0.00
34 M	Benzene	1.253	1.222	2.5	97	0.00
35	Methacrylonitrile	0.266	0.262	1.5	100	0.00
36 M	1,2-Dichloroethane	0.468	0.458	2.1	98	0.00
37 M	Trichloroethene	0.349	0.329	5.7	96	0.00
38	Methylcyclohexane	0.504	0.460	8.7	92	0.00
39 M	1,2-Dichloropropane	0.296	0.283	4.4	94	0.00
40	Dibromomethane	0.233	0.224	3.9	99	0.00
41 M	Bromodichloromethane	0.438	0.410	6.4	98	0.00
42 M	Vinyl Acetate	0.914	0.886	3.1	98	0.00
43	Ethyl Acetate	0.508	0.459	9.6	92	0.00
44	Isopropyl Acetate	0.768	0.738	3.9	99	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	92	0.00
46	Methyl methacrylate	0.382	0.372	2.6	100	0.00
47	n-amyl Acetate	0.697	0.650	6.7	97	0.00
48 M	t-1,3-Dichloropropene	0.440	0.393	10.7	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.433	9.0	96	0.00
50 M	1,1,2-Trichloroethane	0.324	0.316	2.5	99	0.00
51	Ethyl methacrylate	0.522	0.490	6.1	98	0.00
52	1,3-Dichloropropane	0.536	0.523	2.4	98	0.00
53 M	Dibromochloromethane	0.369	0.335	9.2	97	0.00
54 M	1,2-Dibromoethane	0.344	0.333	3.2	98	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.225	11.8	88	0.00
56 M	Bromoform	0.296	0.265	10.5	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.548	0.554	-1.1	99	0.00
59 M	2-Hexanone	0.437	0.424	3.0	97	0.00
60 S	4-Bromofluorobenzene	0.468	0.475	-1.5	98	0.00
61 M	Tetrachloroethene	0.367	0.351	4.4	96	0.00
62 M	Toluene	1.493	1.450	2.9	97	0.00
63 S	Toluene-d8	1.286	1.302	-1.2	98	0.00
64 M	Chlorobenzene	1.014	0.992	2.2	99	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.341	5.0	97	0.00
66 M	Ethyl Benzene	1.658	1.620	2.3	98	0.00
67 M	m/p-Xylenes	0.648	0.637	1.7	96	0.00
68 M	o-Xylene	0.652	0.629	3.5	97	0.00
69 M	Styrene	1.094	1.048	4.2	97	0.00
70	Isopropylbenzene	1.649	1.643	0.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.566	0.569	-0.5	101	0.00
72	1,2,3-Trichloropropane	0.511	0.520	-1.8	101	0.00
73	Bromobenzene	0.484	0.470	2.9	99	0.00
74	n-propylbenzene	1.859	1.796	3.4	97	0.00
75	2-Chlorotoluene	1.167	1.145	1.9	97	0.00
76	1,3,5-Trimethylbenzene	1.407	1.374	2.3	98	0.00
77	t-1,4-Dichloro-2-butene	0.161	0.136	15.5	93	0.00
78	4-Chlorotoluene	1.330	1.281	3.7	96	0.00
79	tert-butylbenzene	1.498	1.392	7.1	94	0.00
80	1,2,4-Trimethylbenzene	1.411	1.301	7.8	91	0.00
81	sec-Butylbenzene	1.750	1.688	3.5	97	0.00
82	p-Isopropyltoluene	1.532	1.468	4.2	97	0.00
83 M	1,3-Dichlorobenzene	0.869	0.814	6.3	96	0.00
84 M	1,4-Dichlorobenzene	0.878	0.829	5.6	97	0.00
85	n-Butylbenzene	1.233	1.114	9.7	96	0.00
86 T	Hexachloroethane	0.258	0.215	16.7	90	0.00
87 M	1,2-Dichlorobenzene	0.887	0.850	4.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.124	0.119	4.0	100	0.00
89	1,2,4-Trichlorobenzene	0.596	0.543	8.9	96	0.00
90	Hexachlorobutadiene	0.291	0.274	5.8	96	0.00
91 M	Naphthalene	1.781	1.723	3.3	99	0.00
92	1,2,3-Trichlorobenzene	0.609	0.588	3.4	98	0.00

(#) = Out of Range

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