

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040832.D
 Acq On : 29 Mar 2024 09:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 29 22:56:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 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	108	0.00
2 M	Dichlorodifluoromethane	5.252	5.844	-11.3	124	0.00
3 M	Chloromethane	4.795	5.165	-7.7	123	0.00
4 M	Vinyl Chloride	4.941	5.612	-13.6	131	0.00
5 M	Bromomethane	3.121	4.087	-31.0#	129	0.00
6 M	Chloroethane	3.125	3.529	-12.9	124	0.00
7 M	Trichlorofluoromethane	8.566	8.841	-3.2	117	0.00
8 T	Diethyl Ether	2.671	2.702	-1.2	114	0.00
9	1,1,2-Trichlorotrifluoroeth	4.792	5.301	-10.6	124	0.00
10 M	1,1-Dichloroethene	4.491	4.901	-9.1	123	0.00
11	Methyl Iodide	6.139	6.698	-9.1	120	0.00
12	Methyl Acetate	6.448	6.359	1.4	110	0.00
13 M	Acrolein	0.706	0.677	4.1	124	0.00
14 M	Acrylonitrile	2.807	2.886	-2.8	115	0.00
15 M	Acetone	0.796	0.773	2.9	102	0.00
16 M	Carbon Disulfide	12.614	13.744	-9.0	124	0.00
17	Allyl chloride	8.246	8.571	-3.9	120	0.00
18 M	Methylene Chloride	4.833	5.190	-7.4	118	0.00
19 M	trans-1,2-Dichloroethene	4.694	5.054	-7.7	122	0.00
20 T	Diisopropyl ether	16.055	16.938	-5.5	121	0.00
21 M	1,1-Dichloroethane	9.063	9.763	-7.7	123	0.00
22 M	cis-1,2-Dichloroethene	5.515	5.794	-5.1	116	0.00
23 M	tert-Butyl Alcohol	1.302	1.290	0.9	116	0.00
24 M	Methyl tert-Butyl Ether	15.983	16.846	-5.4	116	0.00
25 M	Chloroform	9.824	10.709	-9.0	121	0.00
26	Cyclohexane	7.534	8.253	-9.5	122	0.00
27 s	1,2-Dichloroethane-d4	5.142	5.321	-3.5	114	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
29	1,1-Dichloropropene	0.837	0.896	-7.0	124	0.00
30 M	2-Butanone	0.530	0.532	-0.4	114	-0.01
31	2,2-Dichloropropane	0.989	1.057	-6.9	125	0.00
32 M	1,1,1-Trichloroethane	1.105	1.144	-3.5	120	0.00
33 M	Carbon Tetrachloride	0.954	1.011	-6.0	121	0.00
34 M	Benzene	2.401	2.480	-3.3	117	0.00
35	Methacrylonitrile	0.561	0.553	1.4	112	0.00
36 M	1,2-Dichloroethane	1.043	1.053	-1.0	116	0.00
37 M	Trichloroethene	0.593	0.589	0.7	117	0.00
38	Methylcyclohexane	0.988	1.031	-4.4	126	0.00
39 M	1,2-Dichloropropane	0.571	0.584	-2.3	122	0.00
40	Dibromomethane	0.473	0.497	-5.1	124	0.00
41 M	Bromodichloromethane	0.960	1.014	-5.6	127	0.00
42 M	Vinyl Acetate	1.958	1.999	-2.1	118	0.00
43	Ethyl Acetate	1.031	1.042	-1.1	113	0.00
44	Isopropyl Acetate	1.647	1.650	-0.2	116	-0.01
45 T	1,4-Dioxane	0.015	0.015	0.0	116	0.00
46	Methyl methacrylate	0.793	0.825	-4.0	125	0.00
47	n-amyl Acetate	1.483	1.426	3.8	120	0.00
48 M	t-1,3-Dichloropropene	0.953	0.946	0.7	124	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.984	1.053	-7.0	132	0.00
50 M	1,1,2-Trichloroethane	0.580	0.592	-2.1	120	0.00
51	Ethyl methacrylate	1.013	0.981	3.2	120	0.00
52	1,3-Dichloropropane	0.997	0.989	0.8	118	0.00
53 M	Dibromochloromethane	0.695	0.714	-2.7	123	0.00
54 M	1,2-Dibromoethane	0.642	0.635	1.1	118	0.00
55 M	2-Chloroethyl vinyl ether	0.496	0.413	16.7	102	0.00
56 M	Bromoform	0.483	0.497	-2.9	131	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	0.847	0.913	-7.8	122	0.00
59 M	2-Hexanone	0.675	0.679	-0.6	111	0.00
60 S	4-Bromofluorobenzene	0.655	0.633	3.4	109	0.00
61 M	Tetrachloroethene	0.402	0.418	-4.0	119	0.00
62 M	Toluene	2.029	2.299	-13.3	127	0.00
63 S	Toluene-d8	1.176	1.222	-3.9	114	0.00
64 M	Chlorobenzene	1.312	1.417	-8.0	121	0.00
65	1,1,1,2-Tetrachloroethane	0.460	0.499	-8.5	121	0.00
66 M	Ethyl Benzene	2.385	2.574	-7.9	120	0.00
67 M	m/p-Xylenes	0.876	0.933	-6.5	118	0.00
68 M	o-Xylene	0.825	0.866	-5.0	120	0.00
69 M	Styrene	1.431	1.501	-4.9	121	0.00
70	Isopropylbenzene	2.247	2.350	-4.6	122	0.00
71 M	1,1,2,2-Tetrachloroethane	0.780	0.802	-2.8	117	0.00
72	1,2,3-Trichloropropane	0.661	0.698	-5.6	121	0.00
73	Bromobenzene	0.536	0.572	-6.7	119	0.00
74	n-propylbenzene	2.805	2.997	-6.8	121	0.00
75	2-Chlorotoluene	1.659	1.768	-6.6	119	0.00
76	1,3,5-Trimethylbenzene	1.944	2.144	-10.3	124	0.00
77	t-1,4-Dichloro-2-butene	0.263	0.244	7.2	114	0.00
78	4-Chlorotoluene	1.971	2.187	-11.0	125	0.00
79	tert-butylbenzene	1.871	2.065	-10.4	122	0.00
80	1,2,4-Trimethylbenzene	1.927	2.037	-5.7	118	0.00
81	sec-Butylbenzene	2.399	2.565	-6.9	120	0.00
82	p-Isopropyltoluene	2.032	2.214	-9.0	123	0.00
83 M	1,3-Dichlorobenzene	1.040	1.127	-8.4	121	0.00
84 M	1,4-Dichlorobenzene	1.072	1.139	-6.2	119	0.00
85	n-Butylbenzene	2.020	2.185	-8.2	125	0.00
86 T	Hexachloroethane	0.361	0.362	-0.3	116	0.00
87 M	1,2-Dichlorobenzene	1.006	1.074	-6.8	121	0.00
88	1,2-Dibromo-3-Chloropropane	0.201	0.202	-0.5	110	0.00
89	1,2,4-Trichlorobenzene	0.702	0.755	-7.5	124	0.00
90	Hexachlorobutadiene	0.263	0.311	-18.3	133	0.00
91 M	Naphthalene	2.348	2.527	-7.6	124	0.00
92	1,2,3-Trichlorobenzene	0.669	0.740	-10.6	125	0.00

(#) = Out of Range

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