

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040838.D
 Acq On : 29 Mar 2024 15:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 29 23:00:01 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	90	-0.01
2 M	Dichlorodifluoromethane	5.252	5.171	1.5	92	0.00
3 M	Chloromethane	4.795	4.832	-0.8	97	0.00
4 M	Vinyl Chloride	4.941	5.329	-7.9	104	0.00
5 M	Bromomethane	3.121	4.003	-28.3#	106	0.00
6 M	Chloroethane	3.125	3.193	-2.2	94	0.00
7 M	Trichlorofluoromethane	8.566	8.256	3.6	92	0.00
8 T	Diethyl Ether	2.671	2.396	10.3	85	0.00
9	1,1,2-Trichlorotrifluoroeth	4.792	4.669	2.6	91	0.00
10 M	1,1-Dichloroethene	4.491	4.428	1.4	93	0.00
11	Methyl Iodide	6.139	5.505	10.3	83	0.00
12	Methyl Acetate	6.448	6.196	3.9	90	0.00
13 M	Acrolein	0.706	0.583	17.4	89	0.00
14 M	Acrylonitrile	2.807	2.747	2.1	92	0.00
15 M	Acetone	0.796	0.728	8.5	80	0.00
16 M	Carbon Disulfide	12.614	12.590	0.2	96	0.00
17	Allyl chloride	8.246	7.912	4.1	93	0.00
18 M	Methylene Chloride	4.833	4.723	2.3	90	0.00
19 M	trans-1,2-Dichloroethene	4.694	4.768	-1.6	97	0.00
20 T	Diisopropyl ether	16.055	15.559	3.1	93	-0.01
21 M	1,1-Dichloroethane	9.063	9.043	0.2	95	0.00
22 M	cis-1,2-Dichloroethene	5.515	5.581	-1.2	94	0.00
23 M	tert-Butyl Alcohol	1.302	1.288	1.1	97	0.00
24 M	Methyl tert-Butyl Ether	15.983	15.894	0.6	92	0.00
25 M	Chloroform	9.824	9.869	-0.5	93	0.00
26	Cyclohexane	7.534	7.361	2.3	91	0.00
27 s	1,2-Dichloroethane-d4	5.142	5.187	-0.9	93	-0.01
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.837	0.826	1.3	94	0.00
30 M	2-Butanone	0.530	0.505	4.7	89	-0.01
31	2,2-Dichloropropane	0.989	0.927	6.3	90	0.00
32 M	1,1,1-Trichloroethane	1.105	1.061	4.0	92	0.00
33 M	Carbon Tetrachloride	0.954	0.935	2.0	92	-0.01
34 M	Benzene	2.401	2.369	1.3	92	0.00
35	Methacrylonitrile	0.561	0.518	7.7	86	0.00
36 M	1,2-Dichloroethane	1.043	1.018	2.4	92	0.00
37 M	Trichloroethene	0.593	0.587	1.0	96	0.00
38	Methylcyclohexane	0.988	0.934	5.5	94	0.00
39 M	1,2-Dichloropropane	0.571	0.581	-1.8	100	0.00
40	Dibromomethane	0.473	0.484	-2.3	100	0.00
41 M	Bromodichloromethane	0.960	0.976	-1.7	101	0.00
42 M	Vinyl Acetate	1.958	1.872	4.4	91	0.00
43	Ethyl Acetate	1.031	1.005	2.5	90	-0.01
44	Isopropyl Acetate	1.647	1.558	5.4	90	0.00
45 T	1,4-Dioxane	0.015	0.016	-6.7	102	0.00
46	Methyl methacrylate	0.793	0.794	-0.1	99	0.00
47	n-amyl Acetate	1.483	1.446	2.5	100	0.00
48 M	t-1,3-Dichloropropene	0.953	0.901	5.5	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.984	0.960	2.4	99	0.00
50 M	1,1,2-Trichloroethane	0.580	0.597	-2.9	100	0.00
51	Ethyl methacrylate	1.013	0.989	2.4	100	0.00
52	1,3-Dichloropropane	0.997	1.012	-1.5	100	0.00
53 M	Dibromochloromethane	0.695	0.686	1.3	97	0.00
54 M	1,2-Dibromoethane	0.642	0.623	3.0	95	0.00
55 M	2-Chloroethyl vinyl ether	0.496	0.526	-6.0	107	0.00
56 M	Bromoform	0.483	0.474	1.9	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.847	0.850	-0.4	97	0.00
59 M	2-Hexanone	0.675	0.649	3.9	91	0.00
60 S	4-Bromofluorobenzene	0.655	0.665	-1.5	98	0.00
61 M	Tetrachloroethene	0.402	0.406	-1.0	98	0.00
62 M	Toluene	2.029	2.114	-4.2	100	0.00
63 S	Toluene-d8	1.176	1.198	-1.9	95	0.00
64 M	Chlorobenzene	1.312	1.327	-1.1	96	0.00
65	1,1,1,2-Tetrachloroethane	0.460	0.485	-5.4	101	0.00
66 M	Ethyl Benzene	2.385	2.457	-3.0	98	0.00
67 M	m/p-Xylenes	0.876	0.871	0.6	94	0.00
68 M	o-Xylene	0.825	0.847	-2.7	100	0.00
69 M	Styrene	1.431	1.437	-0.4	99	0.00
70	Isopropylbenzene	2.247	2.293	-2.0	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.780	0.766	1.8	95	0.00
72	1,2,3-Trichloropropane	0.661	0.679	-2.7	100	0.00
73	Bromobenzene	0.536	0.549	-2.4	97	0.00
74	n-propylbenzene	2.805	2.886	-2.9	99	0.00
75	2-Chlorotoluene	1.659	1.724	-3.9	99	0.00
76	1,3,5-Trimethylbenzene	1.944	2.023	-4.1	100	0.00
77	t-1,4-Dichloro-2-butene	0.263	0.248	5.7	99	0.00
78	4-Chlorotoluene	1.971	2.039	-3.5	99	0.00
79	tert-butylbenzene	1.871	1.920	-2.6	97	0.00
80	1,2,4-Trimethylbenzene	1.927	1.989	-3.2	98	0.00
81	sec-Butylbenzene	2.399	2.438	-1.6	97	0.00
82	p-Isopropyltoluene	2.032	2.079	-2.3	99	0.00
83 M	1,3-Dichlorobenzene	1.040	1.070	-2.9	98	0.00
84 M	1,4-Dichlorobenzene	1.072	1.083	-1.0	96	0.00
85	n-Butylbenzene	2.020	1.806	10.6	88	0.00
86 T	Hexachloroethane	0.361	0.350	3.0	96	0.00
87 M	1,2-Dichlorobenzene	1.006	0.956	5.0	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.201	0.164	18.4	76	0.00
89	1,2,4-Trichlorobenzene	0.702	0.633	9.8	88	0.00
90	Hexachlorobutadiene	0.263	0.267	-1.5	97	0.00
91 M	Naphthalene	2.348	2.295	2.3	96	0.00
92	1,2,3-Trichlorobenzene	0.669	0.665	0.6	95	0.00

(#) = Out of Range

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