

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039673.D
 Acq On : 09 Jan 2024 10:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 10 05:31:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 06:15:26 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	101	0.00
2 M	Dichlorodifluoromethane	5.068	5.127	-1.2	102	0.00
3 M	Chloromethane	5.631	5.615	0.3	99	0.00
4 M	Vinyl Chloride	5.496	5.480	0.3	106	0.00
5 M	Bromomethane	2.626	2.571	2.1	102	0.00
6 M	Chloroethane	2.501	2.024	19.1	68	0.00
7 M	Trichlorofluoromethane	7.760	7.670	1.2	101	0.00
8 T	Diethyl Ether	2.904	2.836	2.3	101	0.00
9	1,1,2-Trichlorotrifluoroeth	4.753	4.811	-1.2	104	0.00
10 M	1,1-Dichloroethene	4.554	4.517	0.8	100	0.00
11	Methyl Iodide	4.991	4.882	2.2	101	0.00
12	Methyl Acetate	7.335	7.193	1.9	100	0.00
13 M	Acrolein	1.094	0.993	9.2	105	0.00
14 M	Acrylonitrile	3.364	3.225	4.1	97	0.00
15 M	Acetone	1.061	1.090	-2.7	106	0.00
16 M	Carbon Disulfide	12.278	11.996	2.3	100	0.00
17	Allyl chloride	8.981	8.878	1.1	102	0.00
18 M	Methylene Chloride	5.324	5.395	-1.3	102	0.00
19 M	trans-1,2-Dichloroethene	4.833	4.877	-0.9	101	0.00
20 T	Diisopropyl ether	17.529	17.543	-0.1	102	0.00
21 M	1,1-Dichloroethane	9.788	9.757	0.3	101	0.00
22 M	cis-1,2-Dichloroethene	5.649	5.501	2.6	99	0.00
23 M	tert-Butyl Alcohol	1.576	1.621	-2.9	99	0.02
24 M	Methyl tert-Butyl Ether	16.693	16.227	2.8	99	0.00
25 M	Chloroform	9.606	9.270	3.5	98	0.00
26	Cyclohexane	8.491	8.436	0.6	101	0.00
27 s	1,2-Dichloroethane-d4	4.703	4.895	-4.1	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.861	0.818	5.0	103	0.00
30 M	2-Butanone	0.617	0.562	8.9	98	0.00
31	2,2-Dichloropropane	0.957	0.877	8.4	101	0.00
32 M	1,1,1-Trichloroethane	0.995	0.929	6.6	103	0.00
33 M	Carbon Tetrachloride	0.784	0.723	7.8	103	0.00
34 M	Benzene	2.554	2.381	6.8	102	0.00
35	Methacrylonitrile	0.594	0.499	16.0	92	0.00
36 M	1,2-Dichloroethane	1.001	0.916	8.5	103	0.00
37 M	Trichloroethene	0.607	0.568	6.4	103	0.00
38	Methylcyclohexane	1.053	0.977	7.2	101	0.00
39 M	1,2-Dichloropropane	0.688	0.631	8.3	102	0.00
40	Dibromomethane	0.465	0.434	6.7	104	0.00
41 M	Bromodichloromethane	0.861	0.787	8.6	102	0.00
42 M	Vinyl Acetate	2.042	1.886	7.6	100	0.00
43	Ethyl Acetate	1.157	0.993	14.2	91	0.00
44	Isopropyl Acetate	1.789	1.609	10.1	99	0.00
45 T	1,4-Dioxane	0.017	0.015	11.8	97	0.00
46	Methyl methacrylate	0.859	0.791	7.9	99	0.00
47	n-amyl Acetate	1.563	1.378	11.8	96	0.00
48 M	t-1,3-Dichloropropene	0.927	0.838	9.6	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	1.015	0.925	8.9	102	0.00
50 M	1,1,2-Trichloroethane	0.637	0.602	5.5	102	0.00
51	Ethyl methacrylate	1.064	0.964	9.4	98	0.00
52	1,3-Dichloropropane	1.100	1.010	8.2	102	0.00
53 M	Dibromochloromethane	0.593	0.554	6.6	104	0.00
54 M	1,2-Dibromoethane	0.668	0.634	5.1	104	0.00
55 M	2-Chloroethyl vinyl ether	0.518	0.465	10.2	99	0.00
56 M	Bromoform	0.399	0.337	15.5	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.987	0.921	6.7	97	0.00
59 M	2-Hexanone	0.799	0.744	6.9	97	0.00
60 S	4-Bromofluorobenzene	0.662	0.654	1.2	101	0.00
61 M	Tetrachloroethene	0.397	0.387	2.5	105	0.00
62 M	Toluene	2.224	2.136	4.0	101	0.00
63 S	Toluene-d8	1.233	1.261	-2.3	105	0.00
64 M	Chlorobenzene	1.293	1.233	4.6	101	0.00
65	1,1,1,2-Tetrachloroethane	0.460	0.430	6.5	100	0.00
66 M	Ethyl Benzene	2.442	2.348	3.8	101	0.00
67 M	m/p-Xylenes	0.892	0.869	2.6	101	0.00
68 M	o-Xylene	0.896	0.856	4.5	101	0.00
69 M	Styrene	1.432	1.378	3.8	101	0.00
70	Isopropylbenzene	2.364	2.306	2.5	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.908	0.859	5.4	100	0.00
72	1,2,3-Trichloropropane	0.759	0.711	6.3	99	0.00
73	Bromobenzene	0.522	0.495	5.2	101	0.00
74	n-propylbenzene	2.818	2.737	2.9	103	0.00
75	2-Chlorotoluene	1.751	1.672	4.5	101	0.00
76	1,3,5-Trimethylbenzene	2.019	1.935	4.2	100	0.00
77	t-1,4-Dichloro-2-butene	0.249	0.218	12.4	100	0.00
78	4-Chlorotoluene	1.942	1.864	4.0	101	0.00
79	tert-butylbenzene	1.913	1.858	2.9	101	0.00
80	1,2,4-Trimethylbenzene	2.004	1.926	3.9	101	0.00
81	sec-Butylbenzene	2.459	2.362	3.9	101	0.00
82	p-Isopropyltoluene	1.957	1.870	4.4	102	0.00
83 M	1,3-Dichlorobenzene	0.975	0.913	6.4	100	0.00
84 M	1,4-Dichlorobenzene	0.967	0.918	5.1	102	0.00
85	n-Butylbenzene	1.791	1.687	5.8	103	0.00
86 T	Hexachloroethane	0.335	0.296	11.6	101	0.00
87 M	1,2-Dichlorobenzene	0.977	0.917	6.1	99	0.00
88	1,2-Dibromo-3-Chloropropane	0.217	0.197	9.2	103	0.00
89	1,2,4-Trichlorobenzene	0.551	0.508	7.8	102	0.00
90	Hexachlorobutadiene	0.241	0.227	5.8	102	0.00
91 M	Naphthalene	2.150	2.011	6.5	100	0.00
92	1,2,3-Trichlorobenzene	0.571	0.534	6.5	102	0.00

(#) = Out of Range

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