

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040638.D
 Acq On : 14 Mar 2024 16:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 15 05:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 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	95	0.00
2 M	Dichlorodifluoromethane	2.035	1.866	8.3	98	0.00
3 M	Chloromethane	2.085	1.832	12.1	91	0.00
4 M	Vinyl Chloride	2.253	1.942	13.8	91	0.00
5 M	Bromomethane	1.376	1.434	-4.2	93	0.01
6 M	Chloroethane	1.324	1.333	-0.7	115	0.02
7 M	Trichlorofluoromethane	3.430	3.551	-3.5	116	0.01
8 T	Diethyl Ether	1.165	1.099	5.7	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.881	-0.1	106	0.00
10 M	1,1-Dichloroethene	1.789	1.745	2.5	105	0.00
11	Methyl Iodide	2.164	2.054	5.1	105	0.00
12	Methyl Acetate	2.947	3.006	-2.0	109	0.00
13 M	Acrolein	0.556	0.558	-0.4	109	0.00
14 M	Acrylonitrile	1.160	1.079	7.0	98	0.00
15 M	Acetone	0.332	0.269	19.0	80	0.00
16 M	Carbon Disulfide	4.917	4.494	8.6	100	0.01
17	Allyl chloride	3.301	3.137	5.0	101	0.00
18 M	Methylene Chloride	2.043	1.998	2.2	104	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.858	4.9	101	0.00
20 T	Diisopropyl ether	6.603	6.355	3.8	103	0.00
21 M	1,1-Dichloroethane	3.799	3.671	3.4	102	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.263	0.2	105	0.00
23 M	tert-Butyl Alcohol	0.548	0.455	17.0	91	-0.04
24 M	Methyl tert-Butyl Ether	6.602	6.457	2.2	105	0.00
25 M	Chloroform	4.158	4.087	1.7	105	0.00
26	Cyclohexane	3.066	2.886	5.9	104	0.00
27 s	1,2-Dichloroethane-d4	2.996	2.992	0.1	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29	1,1-Dichloropropene	0.519	0.518	0.2	110	0.00
30 M	2-Butanone	0.317	0.280	11.7	92	-0.01
31	2,2-Dichloropropane	0.560	0.538	3.9	102	0.00
32 M	1,1,1-Trichloroethane	0.654	0.667	-2.0	110	0.00
33 M	Carbon Tetrachloride	0.551	0.527	4.4	105	0.00
34 M	Benzene	1.402	1.368	2.4	104	0.00
35	Methacrylonitrile	0.325	0.311	4.3	100	-0.01
36 M	1,2-Dichloroethane	0.648	0.639	1.4	103	0.00
37 M	Trichloroethene	0.377	0.368	2.4	105	0.00
38	Methylcyclohexane	0.559	0.533	4.7	101	0.00
39 M	1,2-Dichloropropane	0.357	0.348	2.5	101	0.00
40	Dibromomethane	0.280	0.277	1.1	100	0.00
41 M	Bromodichloromethane	0.558	0.565	-1.3	107	0.00
42 M	Vinyl Acetate	1.091	1.023	6.2	101	0.00
43	Ethyl Acetate	0.597	0.573	4.0	98	0.00
44	Isopropyl Acetate	0.953	0.897	5.9	101	0.00
45 T	1,4-Dioxane	0.010	0.008	20.0	83	0.00
46	Methyl methacrylate	0.473	0.459	3.0	100	0.00
47	n-amyl Acetate	0.821	0.700	14.7	101	0.00
48 M	t-1,3-Dichloropropene	0.590	0.572	3.1	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.585	2.7	105	0.00
50 M	1,1,2-Trichloroethane	0.372	0.377	-1.3	106	0.00
51	Ethyl methacrylate	0.586	0.559	4.6	100	0.00
52	1,3-Dichloropropane	0.636	0.634	0.3	103	0.00
53 M	Dibromochloromethane	0.425	0.413	2.8	104	0.00
54 M	1,2-Dibromoethane	0.412	0.404	1.9	103	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.330	-10.4	112	0.00
56 M	Bromoform	0.301	0.272	9.6	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.729	-9.1	99	0.00
59 M	2-Hexanone	0.540	0.562	-4.1	97	0.00
60 S	4-Bromofluorobenzene	0.515	0.578	-12.2	110	0.00
61 M	Tetrachloroethene	0.356	0.417	-17.1	109	0.00
62 M	Toluene	1.652	1.875	-13.5	105	0.00
63 S	Toluene-d8	1.326	1.506	-13.6	98	0.00
64 M	Chlorobenzene	1.010	1.032	-2.2	105	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.384	0.3	104	0.00
66 M	Ethyl Benzene	1.905	1.889	0.8	103	0.00
67 M	m/p-Xylenes	0.704	0.724	-2.8	107	0.00
68 M	o-Xylene	0.677	0.681	-0.6	103	0.00
69 M	Styrene	1.138	1.171	-2.9	105	0.00
70	Isopropylbenzene	1.830	1.925	-5.2	109	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.713	-11.1	112	0.00
72	1,2,3-Trichloropropane	0.577	0.649	-12.5	121	0.00
73	Bromobenzene	0.433	0.495	-14.3	118	0.00
74	n-propylbenzene	2.260	2.587	-14.5	120	0.00
75	2-Chlorotoluene	1.341	1.539	-14.8	121	0.00
76	1,3,5-Trimethylbenzene	1.611	1.825	-13.3	119	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.183	-2.2	106	0.00
78	4-Chlorotoluene	1.600	1.833	-14.6	126	0.00
79	tert-butylbenzene	1.504	1.712	-13.8	124	0.00
80	1,2,4-Trimethylbenzene	1.587	1.796	-13.2	123	0.00
81	sec-Butylbenzene	1.985	2.246	-13.1	123	0.00
82	p-Isopropyltoluene	1.625	1.803	-11.0	121	0.00
83 M	1,3-Dichlorobenzene	0.843	0.969	-14.9	122	0.00
84 M	1,4-Dichlorobenzene	0.862	0.961	-11.5	118	0.00
85	n-Butylbenzene	1.581	1.719	-8.7	118	0.00
86 T	Hexachloroethane	0.284	0.306	-7.7	123	0.00
87 M	1,2-Dichlorobenzene	0.819	0.916	-11.8	117	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.192	-11.6	118	0.00
89	1,2,4-Trichlorobenzene	0.552	0.600	-8.7	115	0.00
90	Hexachlorobutadiene	0.223	0.240	-7.6	115	0.00
91 M	Naphthalene	1.799	1.933	-7.4	115	0.00
92	1,2,3-Trichlorobenzene	0.544	0.596	-9.6	116	0.00

(#) = Out of Range

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