

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040770.D
 Acq On : 22 Mar 2024 10:50
 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 23 05:01:25 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	102	0.00
2 M	Dichlorodifluoromethane	2.035	1.717	15.6	97	0.00
3 M	Chloromethane	2.085	1.565	24.9	84	0.00
4 M	Vinyl Chloride	2.253	1.659	26.4#	84	0.00
5 M	Bromomethane	1.376	1.156	16.0	81	0.02
6 M	Chloroethane	1.324	1.035	21.8	97	0.02
7 M	Trichlorofluoromethane	3.430	2.972	13.4	105	0.02
8 T	Diethyl Ether	1.165	1.038	10.9	107	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.679	10.6	103	0.00
10 M	1,1-Dichloroethene	1.789	1.503	16.0	98	0.00
11	Methyl Iodide	2.164	2.225	-2.8	123	0.00
12	Methyl Acetate	2.947	2.690	8.7	105	0.00
13 M	Acrolein	0.556	0.474	14.7	101	0.00
14 M	Acrylonitrile	1.160	1.005	13.4	99	0.00
15 M	Acetone	0.332	0.271	18.4	87	0.00
16 M	Carbon Disulfide	4.917	3.867	21.4	93	0.01
17	Allyl chloride	3.301	2.811	14.8	98	0.00
18 M	Methylene Chloride	2.043	1.826	10.6	103	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.692	13.4	99	0.00
20 T	Diisopropyl ether	6.603	5.875	11.0	103	0.00
21 M	1,1-Dichloroethane	3.799	3.311	12.8	100	0.00
22 M	cis-1,2-Dichloroethene	2.268	1.987	12.4	99	0.00
23 M	tert-Butyl Alcohol	0.548	0.438	20.1	95	-0.05
24 M	Methyl tert-Butyl Ether	6.602	5.912	10.5	104	0.00
25 M	Chloroform	4.158	3.727	10.4	104	0.00
26	Cyclohexane	3.066	2.690	12.3	105	0.00
27 s	1,2-Dichloroethane-d4	2.996	2.799	6.6	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29	1,1-Dichloropropene	0.519	0.462	11.0	104	0.01
30 M	2-Butanone	0.317	0.271	14.5	94	-0.01
31	2,2-Dichloropropane	0.560	0.525	6.3	106	0.00
32 M	1,1,1-Trichloroethane	0.654	0.597	8.7	105	0.01
33 M	Carbon Tetrachloride	0.551	0.510	7.4	108	0.00
34 M	Benzene	1.402	1.277	8.9	103	0.00
35	Methacrylonitrile	0.325	0.285	12.3	97	0.00
36 M	1,2-Dichloroethane	0.648	0.574	11.4	98	0.00
37 M	Trichloroethene	0.377	0.338	10.3	103	0.00
38	Methylcyclohexane	0.559	0.498	10.9	101	0.00
39 M	1,2-Dichloropropane	0.357	0.335	6.2	104	0.00
40	Dibromomethane	0.280	0.269	3.9	104	0.00
41 M	Bromodichloromethane	0.558	0.525	5.9	105	0.00
42 M	Vinyl Acetate	1.091	0.998	8.5	104	0.00
43	Ethyl Acetate	0.597	0.510	14.6	93	0.00
44	Isopropyl Acetate	0.953	0.843	11.5	101	0.00
45 T	1,4-Dioxane	0.010	0.008	20.0	86	-0.01
46	Methyl methacrylate	0.473	0.430	9.1	100	0.00
47	n-amyl Acetate	0.821	0.733	10.7	112	0.00
48 M	t-1,3-Dichloropropene	0.590	0.553	6.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.572	4.8	110	0.00
50 M	1,1,2-Trichloroethane	0.372	0.334	10.2	100	0.00
51	Ethyl methacrylate	0.586	0.519	11.4	99	0.00
52	1,3-Dichloropropane	0.636	0.573	9.9	99	0.00
53 M	Dibromochloromethane	0.425	0.370	12.9	99	0.00
54 M	1,2-Dibromoethane	0.412	0.359	12.9	98	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.307	-2.7	110	0.00
56 M	Bromoform	0.301	0.255	15.3	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.598	10.5	99	0.00
59 M	2-Hexanone	0.540	0.441	18.3	93	0.00
60 S	4-Bromofluorobenzene	0.515	0.510	1.0	118	0.00
61 M	Tetrachloroethene	0.356	0.279	21.6	89	0.00
62 M	Toluene	1.652	1.500	9.2	102	0.00
63 S	Toluene-d8	1.326	1.348	-1.7	107	0.00
64 M	Chlorobenzene	1.010	0.935	7.4	116	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.348	9.6	115	0.00
66 M	Ethyl Benzene	1.905	1.726	9.4	115	0.00
67 M	m/p-Xylenes	0.704	0.634	9.9	114	0.00
68 M	o-Xylene	0.677	0.607	10.3	112	0.00
69 M	Styrene	1.138	0.977	14.1	107	0.00
70	Isopropylbenzene	1.830	1.608	12.1	111	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.570	11.2	110	0.00
72	1,2,3-Trichloropropane	0.577	0.500	13.3	114	0.00
73	Bromobenzene	0.433	0.386	10.9	112	0.00
74	n-propylbenzene	2.260	2.044	9.6	116	0.00
75	2-Chlorotoluene	1.341	1.200	10.5	115	0.00
76	1,3,5-Trimethylbenzene	1.611	1.382	14.2	110	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.171	4.5	121	0.00
78	4-Chlorotoluene	1.600	1.411	11.8	118	0.00
79	tert-butylbenzene	1.504	1.339	11.0	118	0.00
80	1,2,4-Trimethylbenzene	1.587	1.395	12.1	117	0.00
81	sec-Butylbenzene	1.985	1.732	12.7	115	0.00
82	p-Isopropyltoluene	1.625	1.431	11.9	117	0.00
83 M	1,3-Dichlorobenzene	0.843	0.766	9.1	117	0.00
84 M	1,4-Dichlorobenzene	0.862	0.756	12.3	114	0.00
85	n-Butylbenzene	1.581	1.394	11.8	117	0.00
86 T	Hexachloroethane	0.284	0.237	16.5	116	0.00
87 M	1,2-Dichlorobenzene	0.819	0.723	11.7	112	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.137	20.3	102	0.00
89	1,2,4-Trichlorobenzene	0.552	0.504	8.7	118	0.00
90	Hexachlorobutadiene	0.223	0.195	12.6	113	0.00
91 M	Naphthalene	1.799	1.599	11.1	116	0.00
92	1,2,3-Trichlorobenzene	0.544	0.476	12.5	113	0.00

(#) = Out of Range

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