

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040709.D
 Acq On : 19 Mar 2024 08:52
 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 20 04:30:32 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	98	0.00
2 M	Dichlorodifluoromethane	2.035	1.970	3.2	107	0.00
3 M	Chloromethane	2.085	1.945	6.7	100	0.00
4 M	Vinyl Chloride	2.253	2.143	4.9	104	0.00
5 M	Bromomethane	1.376	1.656	-20.3	111	0.02
6 M	Chloroethane	1.324	1.318	0.5	118	0.02
7 M	Trichlorofluoromethane	3.430	3.737	-9.0	126	0.02
8 T	Diethyl Ether	1.165	1.057	9.3	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.591	15.3	93	0.00
10 M	1,1-Dichloroethene	1.789	1.427	20.2	89	0.00
11	Methyl Iodide	2.164	1.303	39.8#	69	0.00
12	Methyl Acetate	2.947	2.822	4.2	106	0.00
13 M	Acrolein	0.556	0.303	45.5#	61	0.00
14 M	Acrylonitrile	1.160	1.026	11.6	97	0.00
15 M	Acetone	0.332	0.398	-19.9	123	0.00
16 M	Carbon Disulfide	4.917	4.288	12.8	99	0.01
17	Allyl chloride	3.301	3.164	4.2	106	0.00
18 M	Methylene Chloride	2.043	1.963	3.9	106	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.884	3.5	106	0.00
20 T	Diisopropyl ether	6.603	6.432	2.6	108	0.00
21 M	1,1-Dichloroethane	3.799	3.721	2.1	107	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.206	2.7	106	0.00
23 M	tert-Butyl Alcohol	0.548	0.440	19.7	92	-0.04
24 M	Methyl tert-Butyl Ether	6.602	6.321	4.3	106	0.00
25 M	Chloroform	4.158	4.125	0.8	110	0.00
26	Cyclohexane	3.066	2.912	5.0	108	0.00
27 s	1,2-Dichloroethane-d4	2.996	2.946	1.7	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.519	0.524	-1.0	112	0.00
30 M	2-Butanone	0.317	0.327	-3.2	108	-0.01
31	2,2-Dichloropropane	0.560	0.575	-2.7	110	0.00
32 M	1,1,1-Trichloroethane	0.654	0.653	0.2	109	0.00
33 M	Carbon Tetrachloride	0.551	0.549	0.4	111	0.00
34 M	Benzene	1.402	1.396	0.4	107	0.00
35	Methacrylonitrile	0.325	0.312	4.0	101	0.00
36 M	1,2-Dichloroethane	0.648	0.648	0.0	106	0.00
37 M	Trichloroethene	0.377	0.375	0.5	109	0.00
38	Methylcyclohexane	0.559	0.561	-0.4	108	0.00
39 M	1,2-Dichloropropane	0.357	0.370	-3.6	109	0.00
40	Dibromomethane	0.280	0.283	-1.1	104	0.00
41 M	Bromodichloromethane	0.558	0.582	-4.3	111	0.00
42 M	Vinyl Acetate	1.091	1.051	3.7	104	0.00
43	Ethyl Acetate	0.597	0.521	12.7	90	0.00
44	Isopropyl Acetate	0.953	0.892	6.4	102	0.00
45 T	1,4-Dioxane	0.010	0.008	20.0	88	0.00
46	Methyl methacrylate	0.473	0.451	4.7	100	0.00
47	n-amyl Acetate	0.821	0.750	8.6	109	0.00
48 M	t-1,3-Dichloropropene	0.590	0.587	0.5	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.612	-1.8	111	0.00
50 M	1,1,2-Trichloroethane	0.372	0.377	-1.3	107	0.00
51	Ethyl methacrylate	0.586	0.572	2.4	104	0.00
52	1,3-Dichloropropane	0.636	0.645	-1.4	106	0.00
53 M	Dibromochloromethane	0.425	0.415	2.4	106	0.00
54 M	1,2-Dibromoethane	0.412	0.405	1.7	105	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.303	-1.3	104	0.00
56 M	Bromoform	0.301	0.306	-1.7	118	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.621	7.0	100	0.00
59 M	2-Hexanone	0.540	0.527	2.4	108	0.00
60 S	4-Bromofluorobenzene	0.515	0.543	-5.4	122	0.00
61 M	Tetrachloroethene	0.356	0.362	-1.7	112	0.00
62 M	Toluene	1.652	1.617	2.1	107	0.00
63 S	Toluene-d8	1.326	1.320	0.5	102	0.00
64 M	Chlorobenzene	1.010	1.002	0.8	121	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.377	2.1	121	0.00
66 M	Ethyl Benzene	1.905	1.873	1.7	121	0.00
67 M	m/p-Xylenes	0.704	0.696	1.1	122	0.00
68 M	o-Xylene	0.677	0.658	2.8	117	0.00
69 M	Styrene	1.138	1.116	1.9	118	0.00
70	Isopropylbenzene	1.830	1.839	-0.5	123	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.626	2.5	117	0.00
72	1,2,3-Trichloropropane	0.577	0.568	1.6	125	0.00
73	Bromobenzene	0.433	0.429	0.9	121	0.00
74	n-propylbenzene	2.260	2.295	-1.5	126	0.00
75	2-Chlorotoluene	1.341	1.363	-1.6	127	0.00
76	1,3,5-Trimethylbenzene	1.611	1.588	1.4	123	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.172	3.9	118	0.00
78	4-Chlorotoluene	1.600	1.629	-1.8	132	0.00
79	tert-butylbenzene	1.504	1.477	1.8	127	0.00
80	1,2,4-Trimethylbenzene	1.587	1.605	-1.1	130	0.00
81	sec-Butylbenzene	1.985	1.958	1.4	126	0.00
82	p-Isopropyltoluene	1.625	1.587	2.3	125	0.00
83 M	1,3-Dichlorobenzene	0.843	0.839	0.5	124	0.00
84 M	1,4-Dichlorobenzene	0.862	0.865	-0.3	126	0.00
85	n-Butylbenzene	1.581	1.510	4.5	123	0.00
86 T	Hexachloroethane	0.284	0.275	3.2	130	0.00
87 M	1,2-Dichlorobenzene	0.819	0.792	3.3	119	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.155	9.9	112	0.00
89	1,2,4-Trichlorobenzene	0.552	0.478	13.4	108	0.00
90	Hexachlorobutadiene	0.223	0.195	12.6	110	0.00
91 M	Naphthalene	1.799	1.416	21.3	99	0.00
92	1,2,3-Trichlorobenzene	0.544	0.485	10.8	111	0.00

(#) = Out of Range

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