

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040630.D
 Acq On : 14 Mar 2024 09:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 15 05:41:21 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	1.831	10.0	99	0.00
3 M	Chloromethane	2.085	1.892	9.3	97	0.00
4 M	Vinyl Chloride	2.253	2.040	9.5	99	0.00
5 M	Bromomethane	1.376	1.494	-8.6	100	0.01
6 M	Chloroethane	1.324	1.318	0.5	118	0.02
7 M	Trichlorofluoromethane	3.430	3.234	5.7	110	0.01
8 T	Diethyl Ether	1.165	1.038	10.9	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.829	2.7	107	0.00
10 M	1,1-Dichloroethene	1.789	1.708	4.5	107	0.00
11	Methyl Iodide	2.164	1.924	11.1	102	0.00
12	Methyl Acetate	2.947	2.686	8.9	101	0.00
13 M	Acrolein	0.556	0.518	6.8	105	0.00
14 M	Acrylonitrile	1.160	1.038	10.5	98	0.00
15 M	Acetone	0.332	0.315	5.1	97	0.00
16 M	Carbon Disulfide	4.917	4.377	11.0	101	0.00
17	Allyl chloride	3.301	3.064	7.2	103	0.00
18 M	Methylene Chloride	2.043	1.910	6.5	103	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.809	7.4	102	0.00
20 T	Diisopropyl ether	6.603	6.103	7.6	103	0.00
21 M	1,1-Dichloroethane	3.799	3.639	4.2	105	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.087	8.0	100	0.00
23 M	tert-Butyl Alcohol	0.548	0.443	19.2	92	-0.04
24 M	Methyl tert-Butyl Ether	6.602	6.116	7.4	103	0.00
25 M	Chloroform	4.158	3.929	5.5	105	-0.01
26	Cyclohexane	3.066	2.783	9.2	104	0.00
27 s	1,2-Dichloroethane-d4	2.996	3.235	-8.0	113	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
29	1,1-Dichloropropene	0.519	0.460	11.4	109	0.00
30 M	2-Butanone	0.317	0.264	16.7	96	-0.01
31	2,2-Dichloropropane	0.560	0.513	8.4	108	0.00
32 M	1,1,1-Trichloroethane	0.654	0.584	10.7	108	0.00
33 M	Carbon Tetrachloride	0.551	0.479	13.1	107	0.00
34 M	Benzene	1.402	1.224	12.7	104	0.00
35	Methacrylonitrile	0.325	0.282	13.2	101	0.00
36 M	1,2-Dichloroethane	0.648	0.582	10.2	105	0.00
37 M	Trichloroethene	0.377	0.331	12.2	106	-0.01
38	Methylcyclohexane	0.559	0.477	14.7	101	0.00
39 M	1,2-Dichloropropane	0.357	0.320	10.4	104	0.00
40	Dibromomethane	0.280	0.256	8.6	104	0.00
41 M	Bromodichloromethane	0.558	0.516	7.5	109	0.00
42 M	Vinyl Acetate	1.091	0.929	14.8	102	0.00
43	Ethyl Acetate	0.597	0.486	18.6	93	0.00
44	Isopropyl Acetate	0.953	0.796	16.5	100	0.00
45 T	1,4-Dioxane	0.010	0.008	20.0	89	0.00
46	Methyl methacrylate	0.473	0.406	14.2	99	0.00
47	n-amyl Acetate	0.821	0.677	17.5	109	0.00
48 M	t-1,3-Dichloropropene	0.590	0.462	21.7	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.503	16.3	101	0.00
50 M	1,1,2-Trichloroethane	0.372	0.304	18.3	96	0.00
51	Ethyl methacrylate	0.586	0.457	22.0	92	0.00
52	1,3-Dichloropropane	0.636	0.539	15.3	98	0.00
53 M	Dibromochloromethane	0.425	0.364	14.4	103	0.00
54 M	1,2-Dibromoethane	0.412	0.360	12.6	103	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.210	29.8#	80	0.00
56 M	Bromoform	0.301	0.270	10.3	114	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.543	18.7	89	0.00
59 M	2-Hexanone	0.540	0.474	12.2	98	0.00
60 S	4-Bromofluorobenzene	0.515	0.520	-1.0	119	0.00
61 M	Tetrachloroethene	0.356	0.336	5.6	105	0.00
62 M	Toluene	1.652	1.432	13.3	96	0.00
63 S	Toluene-d8	1.326	1.232	7.1	96	0.00
64 M	Chlorobenzene	1.010	0.954	5.5	116	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.361	6.2	117	0.00
66 M	Ethyl Benzene	1.905	1.799	5.6	118	0.00
67 M	m/p-Xylenes	0.704	0.671	4.7	119	0.00
68 M	o-Xylene	0.677	0.620	8.4	112	0.00
69 M	Styrene	1.138	1.079	5.2	116	0.00
70	Isopropylbenzene	1.830	1.760	3.8	119	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.589	8.3	111	0.00
72	1,2,3-Trichloropropane	0.577	0.543	5.9	121	0.00
73	Bromobenzene	0.433	0.407	6.0	116	0.00
74	n-propylbenzene	2.260	2.198	2.7	123	0.00
75	2-Chlorotoluene	1.341	1.308	2.5	124	0.00
76	1,3,5-Trimethylbenzene	1.611	1.519	5.7	119	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.161	10.1	112	0.00
78	4-Chlorotoluene	1.600	1.526	4.6	126	0.00
79	tert-butylbenzene	1.504	1.433	4.7	125	0.00
80	1,2,4-Trimethylbenzene	1.587	1.511	4.8	124	0.00
81	sec-Butylbenzene	1.985	1.881	5.2	123	0.00
82	p-Isopropyltoluene	1.625	1.551	4.6	124	0.00
83 M	1,3-Dichlorobenzene	0.843	0.803	4.7	121	0.00
84 M	1,4-Dichlorobenzene	0.862	0.825	4.3	122	0.00
85	n-Butylbenzene	1.581	1.462	7.5	121	0.00
86 T	Hexachloroethane	0.284	0.269	5.3	129	0.00
87 M	1,2-Dichlorobenzene	0.819	0.779	4.9	119	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.157	8.7	115	0.00
89	1,2,4-Trichlorobenzene	0.552	0.506	8.3	116	0.00
90	Hexachlorobutadiene	0.223	0.213	4.5	122	0.00
91 M	Naphthalene	1.799	1.571	12.7	112	0.00
92	1,2,3-Trichlorobenzene	0.544	0.519	4.6	121	0.00

(#) = Out of Range

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