

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040585.D
 Acq On : 05 Mar 2024 13:36
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030524

Quant Time: Mar 06 00:10:15 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	2.162	-6.2	122	0.00
3 M	Chloromethane	2.085	2.109	-1.2	113	0.00
4 M	Vinyl Chloride	2.253	2.304	-2.3	116	0.00
5 M	Bromomethane	1.376	1.572	-14.2	109	0.01
6 M	Chloroethane	1.324	1.344	-1.5	125	0.02
7 M	Trichlorofluoromethane	3.430	3.407	0.7	120	0.01
8 T	Diethyl Ether	1.165	1.120	3.9	115	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	2.063	-9.8	125	0.00
10 M	1,1-Dichloroethene	1.789	1.838	-2.7	119	0.00
11	Methyl Iodide	2.164	2.060	4.8	113	0.00
12	Methyl Acetate	2.947	2.843	3.5	111	0.00
13 M	Acrolein	0.556	0.526	5.4	111	0.00
14 M	Acrylonitrile	1.160	1.117	3.7	109	0.00
15 M	Acetone	0.332	0.324	2.4	104	0.00
16 M	Carbon Disulfide	4.917	5.031	-2.3	121	0.00
17	Allyl chloride	3.301	3.256	1.4	113	0.00
18 M	Methylene Chloride	2.043	2.097	-2.6	118	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.995	-2.2	116	0.00
20 T	Diisopropyl ether	6.603	6.451	2.3	112	0.00
21 M	1,1-Dichloroethane	3.799	3.915	-3.1	117	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.311	-1.9	115	0.00
23 M	tert-Butyl Alcohol	0.548	0.522	4.7	113	-0.04
24 M	Methyl tert-Butyl Ether	6.602	6.698	-1.5	117	0.00
25 M	Chloroform	4.158	4.221	-1.5	117	0.00
26	Cyclohexane	3.066	3.133	-2.2	121	0.00
27 s	1,2-Dichloroethane-d4	2.996	2.924	2.4	106	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
29	1,1-Dichloropropene	0.519	0.531	-2.3	122	0.00
30 M	2-Butanone	0.317	0.308	2.8	110	-0.01
31	2,2-Dichloropropane	0.560	0.590	-5.4	122	0.00
32 M	1,1,1-Trichloroethane	0.654	0.660	-0.9	119	0.01
33 M	Carbon Tetrachloride	0.551	0.552	-0.2	120	0.00
34 M	Benzene	1.402	1.418	-1.1	117	0.00
35	Methacrylonitrile	0.325	0.312	4.0	109	0.00
36 M	1,2-Dichloroethane	0.648	0.643	0.8	113	0.00
37 M	Trichloroethene	0.377	0.379	-0.5	118	0.00
38	Methylcyclohexane	0.559	0.593	-6.1	123	0.00
39 M	1,2-Dichloropropane	0.357	0.362	-1.4	115	0.00
40	Dibromomethane	0.280	0.283	-1.1	112	0.00
41 M	Bromodichloromethane	0.558	0.568	-1.8	117	0.00
42 M	Vinyl Acetate	1.091	1.083	0.7	116	0.00
43	Ethyl Acetate	0.597	0.599	-0.3	111	0.00
44	Isopropyl Acetate	0.953	0.911	4.4	112	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	109	0.00
46	Methyl methacrylate	0.473	0.479	-1.3	114	0.00
47	n-amyl Acetate	0.821	0.766	6.7	120	0.00
48 M	t-1,3-Dichloropropene	0.590	0.592	-0.3	122	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040585.D
 Acq On : 05 Mar 2024 13:36
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030524

Quant Time: Mar 06 00:10:15 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)
49 T	cis-1,3-Dichloropropene	0.601	0.614	-2.2	120	0.00
50 M	1,1,2-Trichloroethane	0.372	0.374	-0.5	114	0.00
51	Ethyl methacrylate	0.586	0.581	0.9	114	0.00
52	1,3-Dichloropropane	0.636	0.639	-0.5	113	0.00
53 M	Dibromochloromethane	0.425	0.417	1.9	114	0.00
54 M	1,2-Dibromoethane	0.412	0.411	0.2	115	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.305	-2.0	112	0.00
56 M	Bromoform	0.301	0.271	10.0	112	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.708	-6.0	110	0.00
59 M	2-Hexanone	0.540	0.570	-5.6	113	0.00
60 S	4-Bromofluorobenzene	0.515	0.536	-4.1	116	0.00
61 M	Tetrachloroethene	0.356	0.403	-13.2	120	0.00
62 M	Toluene	1.652	1.815	-9.9	116	0.00
63 S	Toluene-d8	1.326	1.438	-8.4	107	0.00
64 M	Chlorobenzene	1.010	1.034	-2.4	120	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.371	3.6	115	0.00
66 M	Ethyl Benzene	1.905	1.944	-2.0	121	0.00
67 M	m/p-Xylenes	0.704	0.711	-1.0	120	0.00
68 M	o-Xylene	0.677	0.685	-1.2	118	0.00
69 M	Styrene	1.138	1.131	0.6	115	0.00
70	Isopropylbenzene	1.830	1.944	-6.2	125	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.663	-3.3	119	0.00
72	1,2,3-Trichloropropane	0.577	0.566	1.9	121	0.00
73	Bromobenzene	0.433	0.456	-5.3	124	0.00
74	n-propylbenzene	2.260	2.369	-4.8	126	0.00
75	2-Chlorotoluene	1.341	1.373	-2.4	123	0.00
76	1,3,5-Trimethylbenzene	1.611	1.671	-3.7	125	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.169	5.6	112	0.00
78	4-Chlorotoluene	1.600	1.662	-3.9	130	0.00
79	tert-butylbenzene	1.504	1.547	-2.9	128	0.00
80	1,2,4-Trimethylbenzene	1.587	1.611	-1.5	126	0.00
81	sec-Butylbenzene	1.985	2.074	-4.5	129	0.00
82	p-Isopropyltoluene	1.625	1.807	-11.2	138	0.00
83 M	1,3-Dichlorobenzene	0.843	0.883	-4.7	127	0.00
84 M	1,4-Dichlorobenzene	0.862	0.945	-9.6	133	0.00
85	n-Butylbenzene	1.581	1.779	-12.5	140	0.00
86 T	Hexachloroethane	0.284	0.311	-9.5	142	0.00
87 M	1,2-Dichlorobenzene	0.819	0.881	-7.6	128	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.191	-11.0	134	0.00
89	1,2,4-Trichlorobenzene	0.552	0.622	-12.7	136	0.00
90	Hexachlorobutadiene	0.223	0.250	-12.1	136	0.00
91 M	Naphthalene	1.799	1.961	-9.0	133	0.00
92	1,2,3-Trichlorobenzene	0.544	0.589	-8.3	131	0.00

(#) = Out of Range

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