

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037961.D
 Acq On : 28 Sep 2023 19:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 29 05:33:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 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	99	0.00
2 M	Dichlorodifluoromethane	1.573	1.476	6.2	95	0.00
3 M	Chloromethane	1.684	1.600	5.0	94	0.00
4 M	Vinyl Chloride	1.885	1.812	3.9	96	0.00
5 M	Bromomethane	1.452	1.393	4.1	92	0.00
6 M	Chloroethane	1.266	1.157	8.6	91	0.00
7 M	Trichlorofluoromethane	3.112	3.011	3.2	96	0.00
8 T	Diethyl Ether	1.148	1.120	2.4	99	0.00
9	1,1,2-Trichlorotrifluoroeth	1.587	1.502	5.4	96	0.00
10 M	1,1-Dichloroethene	1.553	1.444	7.0	93	0.00
11	Methyl Iodide	2.102	1.970	6.3	97	0.00
12	Methyl Acetate	3.157	3.063	3.0	96	0.00
13 M	Acrolein	0.364	0.326	10.4	89	0.00
14 M	Acrylonitrile	0.872	0.835	4.2	96	0.00
15 M	Acetone	0.252	0.227	9.9	88	0.00
16 M	Carbon Disulfide	3.790	3.522	7.1	99	0.00
17	Allyl chloride	2.378	2.213	6.9	95	0.00
18 M	Methylene Chloride	1.862	1.779	4.5	97	0.00
19 M	trans-1,2-Dichloroethene	1.751	1.695	3.2	98	0.00
20 T	Diisopropyl ether	5.077	4.821	5.0	94	0.00
21 M	1,1-Dichloroethane	3.067	2.931	4.4	95	0.00
22 M	cis-1,2-Dichloroethene	2.079	1.990	4.3	97	0.00
23 M	tert-Butyl Alcohol	0.364	0.354	2.7	100	0.00
24 M	Methyl tert-Butyl Ether	5.376	5.115	4.9	96	0.00
25 M	Chloroform	3.373	3.228	4.3	96	0.00
26	Cyclohexane	2.610	2.407	7.8	94	0.00
27 s	1,2-Dichloroethane-d4	2.163	2.164	-0.0	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.434	0.420	3.2	97	0.00
30 M	2-Butanone	0.208	0.199	4.3	94	0.00
31	2,2-Dichloropropane	0.437	0.390	10.8	89	0.00
32 M	1,1,1-Trichloroethane	0.520	0.493	5.2	95	0.00
33 M	Carbon Tetrachloride	0.445	0.421	5.4	96	0.00
34 M	Benzene	1.295	1.242	4.1	94	0.00
35	Methacrylonitrile	0.219	0.203	7.3	96	0.00
36 M	1,2-Dichloroethane	0.458	0.441	3.7	94	0.00
37 M	Trichloroethene	0.357	0.342	4.2	95	0.00
38	Methylcyclohexane	0.545	0.500	8.3	93	0.00
39 M	1,2-Dichloropropane	0.331	0.309	6.6	93	0.00
40	Dibromomethane	0.245	0.229	6.5	95	0.00
41 M	Bromodichloromethane	0.446	0.428	4.0	98	0.00
42 M	Vinyl Acetate	0.656	0.626	4.6	94	0.00
43	Ethyl Acetate	0.411	0.378	8.0	94	0.00
44	Isopropyl Acetate	0.681	0.636	6.6	95	0.00
45 T	1,4-Dioxane	0.008	0.008	0.0	99	0.00
46	Methyl methacrylate	0.324	0.306	5.6	94	0.00
47	n-amyl Acetate	0.640	0.575	10.2	92	0.00
48 M	t-1,3-Dichloropropene	0.485	0.440	9.3	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.521	0.486	6.7	96	0.00
50 M	1,1,2-Trichloroethane	0.349	0.342	2.0	99	0.00
51	Ethyl methacrylate	0.515	0.478	7.2	96	0.00
52	1,3-Dichloropropane	0.561	0.543	3.2	96	0.00
53 M	Dibromochloromethane	0.360	0.331	8.1	96	0.00
54 M	1,2-Dibromoethane	0.379	0.365	3.7	96	0.00
55 M	2-Chloroethyl vinyl ether	0.251	0.236	6.0	96	0.00
56 M	Bromoform	0.271	0.239	11.8	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	0.439	0.419	4.6	94	0.00
59 M	2-Hexanone	0.334	0.314	6.0	94	0.00
60 S	4-Bromofluorobenzene	0.489	0.482	1.4	102	0.00
61 M	Tetrachloroethene	0.319	0.306	4.1	97	0.00
62 M	Toluene	1.556	1.459	6.2	94	0.00
63 S	Toluene-d8	1.295	1.295	0.0	100	0.00
64 M	Chlorobenzene	0.971	0.924	4.8	96	0.00
65	1,1,1,2-Tetrachloroethane	0.352	0.327	7.1	95	0.00
66 M	Ethyl Benzene	1.717	1.626	5.3	95	0.00
67 M	m/p-Xylenes	0.677	0.640	5.5	96	0.00
68 M	o-Xylene	0.655	0.617	5.8	97	0.00
69 M	Styrene	1.099	1.029	6.4	97	0.00
70	Isopropylbenzene	1.739	1.645	5.4	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.573	0.539	5.9	96	0.00
72	1,2,3-Trichloropropane	0.503	0.465	7.6	95	0.00
73	Bromobenzene	0.441	0.409	7.3	97	0.00
74	n-propylbenzene	2.077	1.970	5.2	96	0.00
75	2-Chlorotoluene	1.216	1.149	5.5	97	0.00
76	1,3,5-Trimethylbenzene	1.499	1.404	6.3	96	0.00
77	t-1,4-Dichloro-2-butene	0.159	0.128	19.5	93	0.00
78	4-Chlorotoluene	1.427	1.342	6.0	97	0.00
79	tert-butylbenzene	1.476	1.383	6.3	97	0.00
80	1,2,4-Trimethylbenzene	1.491	1.399	6.2	96	0.00
81	sec-Butylbenzene	1.898	1.799	5.2	97	0.00
82	p-Isopropyltoluene	1.593	1.487	6.7	96	0.00
83 M	1,3-Dichlorobenzene	0.852	0.800	6.1	97	0.00
84 M	1,4-Dichlorobenzene	0.864	0.825	4.5	99	0.00
85	n-Butylbenzene	1.491	1.366	8.4	97	0.00
86 T	Hexachloroethane	0.260	0.229	11.9	98	0.00
87 M	1,2-Dichlorobenzene	0.840	0.788	6.2	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.114	0.106	7.0	99	0.00
89	1,2,4-Trichlorobenzene	0.571	0.546	4.4	100	0.00
90	Hexachlorobutadiene	0.251	0.235	6.4	99	0.00
91 M	Naphthalene	1.733	1.663	4.0	97	0.00
92	1,2,3-Trichlorobenzene	0.556	0.525	5.6	97	0.00

(#) = Out of Range

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