

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040776.D
 Acq On : 23 Oct 2023 12:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 24 05:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	83	-0.03
2 T	Dichlorodifluoromethane	1.761	1.622	7.9	81	-0.03
3	Chlorodifluoromethane	1.470	1.479	-0.6	88	-0.03
4	Chloromethane	0.580	0.577	0.5	86	-0.03
5 T	Vinyl Chloride	0.600	0.580	3.3	86	-0.03
6 T	Bromomethane	0.248	0.258	-4.0	89	-0.04
7	Chloroethane	0.195	0.199	-2.1	85	-0.03
8 T	Dichlorotetrafluoroethane	1.335	1.363	-2.1	88	-0.03
9 T	Propene	0.546	0.549	-0.5	87	-0.04
10 T	Heptane	1.371	1.351	1.5	87	-0.03
11 T	Trichlorofluoromethane	1.359	1.410	-3.8	90	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	0.969	0.963	0.6	85	-0.03
13	Ethanol	0.123	0.122	0.8	91	-0.03
14 T	Bromoethene	0.415	0.417	-0.5	83	-0.03
15 T	Acetone	1.034	1.010	2.3	88	-0.03
16 T	1,3-Butadiene	0.542	0.548	-1.1	83	-0.03
17	tert-Butyl alcohol	1.060	1.094	-3.2	80	-0.03
18 T	1,1-Dichloroethene	0.434	0.445	-2.5	88	-0.03
19 T	Isopropyl Alcohol	0.665	0.733	-10.2	90	-0.03
20 T	Methylene Chloride	0.431	0.378	12.3	90	-0.03
21 T	Allyl Chloride	0.682	0.704	-3.2	83	-0.03
22 T	trans-1,2-Dichloroethene	0.462	0.473	-2.4	87	-0.03
23 T	Vinyl Acetate	1.317	1.247	5.3	82	-0.03
24 T	1,1-Dichloroethane	0.994	0.961	3.3	85	-0.03
25 T	Ethyl Acetate	2.265	2.198	3.0	85	-0.03
26 T	Hexane	1.035	0.974	5.9	85	-0.03
27 T	Carbon Disulfide	1.142	1.183	-3.6	86	-0.03
28 T	Methyl tert-Butyl Ether	0.805	0.737	8.4	79	-0.03
29 T	Chloroform	1.498	1.538	-2.7	91	-0.03
30 T	Cyclohexane	0.881	0.878	0.3	87	-0.03
31 T	cis-1,2-Dichloroethene	0.954	1.004	-5.2	90	-0.03
32 T	1,1,1-Trichloroethane	1.594	1.578	1.0	89	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	-0.03
34 T	2-Butanone	0.453	0.391	13.7	86	-0.03
35 T	Carbon Tetrachloride	0.561	0.598	-6.6	92	-0.03
36 T	Benzene	0.769	0.780	-1.4	88	-0.03
37 T	1,2-Dichloroethane	0.394	0.428	-8.6	91	-0.03
38 T	Trichloroethene	0.340	0.304	10.6	88	-0.03
39 T	1,2-Dichloropropane	0.301	0.302	-0.3	86	-0.03
40 T	1,4-Dioxane	0.114	0.129	-13.2	96	-0.03
41 T	Tetrahydrofuran	0.313	0.311	0.6	83	-0.03
42 T	Bromodichloromethane	0.590	0.627	-6.3	90	-0.03
43	Methyl Methacrylate	0.308	0.320	-3.9	87	-0.02
44 T	2,2,4-Trimethylpentane	1.301	1.267	2.6	86	-0.03
45 T	t-1,3-Dichloropropene	0.246	0.278	-13.0	86	-0.02
46 T	cis-1,3-Dichloropropene	0.300	0.328	-9.3	88	-0.03
47 T	1,1,2-Trichloroethane	0.316	0.323	-2.2	89	-0.03
48 T	Dibromochloromethane	0.529	0.576	-8.9	91	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.464	-7.9	85	-0.02
50 T	4-Methyl-2-Pentanone	0.774	0.782	-1.0	86	-0.02
51 T	2-Hexanone	0.589	0.592	-0.5	84	-0.03
52 T	Tetrachloroethene	0.312	0.292	6.4	87	-0.03
53 T	Toluene	0.915	0.907	0.9	88	-0.03
54 T	1,2-Dibromoethane	0.443	0.476	-7.4	90	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	-0.02
56	1,1,1,2-Tetrachloroethane	0.408	0.408	0.0	88	-0.03
57 T	Chlorobenzene	0.716	0.711	0.7	90	-0.03
58 T	Ethyl Benzene	1.259	1.225	2.7	89	-0.02
59 T	m/p-Xylene	1.036	1.004	3.1	89	-0.02
60 T	o-Xylene	0.987	0.948	4.0	88	-0.02
61 T	Styrene	0.547	0.558	-2.0	88	-0.02
62	Isopropylbenzene	1.519	1.461	3.8	89	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.740	0.668	9.7	88	-0.02
64	n-propylbenzene	0.408	0.403	1.2	88	-0.02
65	tert-Butylbenzene	1.370	1.289	5.9	89	-0.02
66 T	Benzyl Chloride	0.138	0.145	-5.1	74	-0.02
67	sec-Butylbenzene	1.876	1.815	3.3	90	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.736	0.730	0.8	84	-0.03
69	p-Isopropyltoluene	1.572	1.513	3.8	89	-0.02
70	n-Butylbenzene	1.543	1.515	1.8	90	-0.02
71	2-Chlorotoluene	1.141	1.112	2.5	89	-0.02
72 T	4-Ethyltoluene	1.156	1.178	-1.9	89	-0.02
73 T	1,3,5-Trimethylbenzene	1.018	1.015	0.3	89	-0.02
74 T	1,2,4-Trimethylbenzene	1.112	1.077	3.1	89	-0.02
75 T	1,3-Dichlorobenzene	0.692	0.679	1.9	88	-0.02
76 T	1,4-Dichlorobenzene	0.685	0.669	2.3	88	-0.02
77 T	1,2-Dichlorobenzene	0.679	0.658	3.1	88	-0.02
78 T	Hexachloro-1,3-Butadiene	0.486	0.410	15.6	86	-0.03
79 T	Naphthalene	0.904	1.024	-13.3	91	-0.02
80 T	Naphthalene,2-methyl-	0.254	0.307	-20.9	82	-0.02
81 T	1,2,4-Trichlorobenzene	0.491	0.500	-1.8	88	-0.03

(#) = Out of Range

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