

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040156.D
 Acq On : 7 Feb 2023 8:40
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 07 09:11:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 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	78	-0.02
2 T	Dichlorodifluoromethane	1.753	1.997	-13.9	100	0.00
3	Chlorodifluoromethane	1.199	1.217	-1.5	84	0.00
4	Chloromethane	0.741	0.776	-4.7	85	0.00
5 T	Vinyl Chloride	0.628	0.671	-6.8	84	0.00
6 T	Bromomethane	0.229	0.240	-4.8	85	0.00
7	Chloroethane	0.240	0.256	-6.7	89	0.00
8 T	Dichlorotetrafluoroethane	1.637	1.715	-4.8	85	0.00
9 T	Propene	0.498	0.495	0.6	82	0.00
10 T	Heptane	1.149	1.331	-15.8	86	-0.02
11 T	Trichlorofluoromethane	1.750	1.812	-3.5	82	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.316	1.350	-2.6	83	0.00
13	Ethanol	0.046	0.038#	17.4	82	0.00
14 T	Bromoethene	0.488	0.532	-9.0	85	-0.01
15 T	Acetone	1.199	1.227	-2.3	86	0.00
16 T	1,3-Butadiene	0.559	0.596	-6.6	85	0.00
17	tert-Butyl alcohol	1.117	1.241	-11.1	83	-0.01
18 T	1,1-Dichloroethene	0.572	0.600	-4.9	84	-0.01
19 T	Isopropyl Alcohol	0.587	0.636	-8.3	87	-0.01
20 T	Methylene Chloride	0.529	0.496	6.2	82	0.00
21 T	Allyl Chloride	0.770	0.874	-13.5	87	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.602	-3.1	81	-0.01
23 T	Vinyl Acetate	0.389	0.407	-4.6	81	-0.02
24 T	1,1-Dichloroethane	1.177	1.236	-5.0	83	-0.01
25 T	Ethyl Acetate	2.113	2.311	-9.4	86	-0.01
26 T	Hexane	0.925	0.987	-6.7	87	-0.01
27 T	Carbon Disulfide	1.198	1.464	-22.2	83	-0.01
28 T	Methyl tert-Butyl Ether	1.040	1.132	-8.8	86	-0.01
29 T	Chloroform	1.478	1.740	-17.7	96	-0.01
30 T	Cyclohexane	0.735	0.874	-18.9	89	-0.02
31 T	cis-1,2-Dichloroethene	0.895	0.969	-8.3	85	-0.01
32 T	1,1,1-Trichloroethane	1.503	1.756	-16.8	86	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	-0.02
34 T	2-Butanone	0.473	0.508	-7.4	87	-0.01
35 T	Carbon Tetrachloride	0.565	0.671	-18.8	85	-0.02
36 T	Benzene	0.740	0.808	-9.2	89	-0.02
37 T	1,2-Dichloroethane	0.476	0.502	-5.5	87	0.00
38 T	Trichloroethene	0.420	0.475	-13.1	88	-0.02
39 T	1,2-Dichloropropane	0.289	0.308	-6.6	87	-0.02
40 T	1,4-Dioxane	0.115	0.129	-12.2	89	-0.02
41 T	Tetrahydrofuran	0.273	0.312	-14.3	91	-0.02
42 T	Bromodichloromethane	0.642	0.723	-12.6	85	-0.02
43	Methyl Methacrylate	0.272	0.326	-19.9	88	-0.02
44 T	2,2,4-Trimethylpentane	1.231	1.330	-8.0	87	-0.02
45 T	t-1,3-Dichloropropene	0.242	0.321	-32.6#	88	-0.02
46 T	cis-1,3-Dichloropropene	0.331	0.427	-29.0	88	-0.02
47 T	1,1,2-Trichloroethane	0.305	0.340	-11.5	88	-0.01
48 T	Dibromochloromethane	0.490	0.591	-20.6	86	-0.02

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49 T	Bromoform	0.377	0.475	-26.0	85	-0.01
50 T	4-Methyl-2-Pentanone	0.744	0.839	-12.8	86	-0.02
51 T	2-Hexanone	0.564	0.657	-16.5	85	-0.02
52 T	Tetrachloroethene	0.242	0.280	-15.7	89	-0.02
53 T	Toluene	0.789	0.931	-18.0	88	-0.02
54 T	1,2-Dibromoethane	0.319	0.387	-21.3	87	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
56	1,1,1,2-Tetrachloroethane	0.389	0.422	-8.5	85	-0.02
57 T	Chlorobenzene	0.682	0.735	-7.8	89	-0.01
58 T	Ethyl Benzene	1.116	1.290	-15.6	88	-0.02
59 T	m/p-Xylene	1.003	1.114	-11.1	86	-0.02
60 T	o-Xylene	0.952	1.062	-11.6	85	-0.02
61 T	Styrene	0.496	0.622	-25.4	88	-0.02
62	Isopropylbenzene	1.370	1.487	-8.5	86	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.346	0.363	-4.9	86	-0.02
64	n-propylbenzene	0.341	0.380	-11.4	86	-0.02
65	tert-Butylbenzene	1.173	1.308	-11.5	86	-0.02
66 T	Benzyl Chloride	0.080	0.099	-23.8	82	-0.02
67	sec-Butylbenzene	1.663	1.833	-10.2	86	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.831	0.759	8.7	73	-0.02
69	p-Isopropyltoluene	1.307	1.480	-13.2	86	-0.02
70	n-Butylbenzene	1.409	1.590	-12.8	86	-0.02
71	2-Chlorotoluene	1.054	1.166	-10.6	86	-0.02
72 T	4-Ethyltoluene	1.057	1.221	-15.5	86	-0.02
73 T	1,3,5-Trimethylbenzene	0.952	1.072	-12.6	86	-0.02
74 T	1,2,4-Trimethylbenzene	1.054	1.164	-10.4	85	-0.02
75 T	1,3-Dichlorobenzene	0.585	0.646	-10.4	86	-0.02
76 T	1,4-Dichlorobenzene	0.576	0.635	-10.2	86	-0.02
77 T	1,2-Dichlorobenzene	0.560	0.616	-10.0	87	-0.02
78 T	Hexachloro-1,3-Butadiene	0.410	0.402	2.0	88	-0.02
79 T	Naphthalene	0.604	0.838	-38.7#	91	-0.02
80 T	Naphthalene,2-methyl-	0.203	0.284	-39.9#	102	-0.02
81 T	1,2,4-Trichlorobenzene	0.372	0.438	-17.7	90	-0.02

(#) = Out of Range

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