

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040141.D
 Acq On : 6 Feb 2023 11:06
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 07 05:49:48 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	81	0.00
2 T	Dichlorodifluoromethane	1.753	2.063	-17.7	108	0.00
3	Chlorodifluoromethane	1.199	1.191	0.7	87	0.00
4	Chloromethane	0.741	0.753	-1.6	86	0.00
5 T	Vinyl Chloride	0.628	0.650	-3.5	86	0.00
6 T	Bromomethane	0.229	0.222	3.1	83	0.00
7	Chloroethane	0.240	0.220	8.3	80	0.00
8 T	Dichlorotetrafluoroethane	1.637	1.649	-0.7	86	0.00
9 T	Propene	0.498	0.492	1.2	86	0.00
10 T	Heptane	1.149	1.230	-7.0	83	0.00
11 T	Trichlorofluoromethane	1.750	1.736	0.8	83	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.316	1.313	0.2	84	0.00
13	Ethanol	0.046	0.036#	21.7	82	0.00
14 T	Bromoethene	0.488	0.513	-5.1	86	0.00
15 T	Acetone	1.199	1.133	5.5	84	0.00
16 T	1,3-Butadiene	0.559	0.575	-2.9	86	0.00
17	tert-Butyl alcohol	1.117	1.114	0.3	78	0.00
18 T	1,1-Dichloroethene	0.572	0.572	0.0	84	0.00
19 T	Isopropyl Alcohol	0.587	0.533	9.2	77	0.00
20 T	Methylene Chloride	0.529	0.486	8.1	84	0.00
21 T	Allyl Chloride	0.770	0.798	-3.6	84	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.593	-1.5	84	0.00
23 T	Vinyl Acetate	0.389	0.399	-2.6	83	0.00
24 T	1,1-Dichloroethane	1.177	1.182	-0.4	83	0.00
25 T	Ethyl Acetate	2.113	2.184	-3.4	86	0.00
26 T	Hexane	0.925	0.915	1.1	85	0.00
27 T	Carbon Disulfide	1.198	1.410	-17.7	84	0.00
28 T	Methyl tert-Butyl Ether	1.040	1.076	-3.5	86	0.00
29 T	Chloroform	1.478	1.615	-9.3	93	0.00
30 T	Cyclohexane	0.735	0.797	-8.4	86	0.00
31 T	cis-1,2-Dichloroethene	0.895	0.899	-0.4	83	0.00
32 T	1,1,1-Trichloroethane	1.503	1.649	-9.7	85	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.473	0.477	-0.8	84	0.00
35 T	Carbon Tetrachloride	0.565	0.647	-14.5	84	0.00
36 T	Benzene	0.740	0.753	-1.8	85	0.00
37 T	1,2-Dichloroethane	0.476	0.477	-0.2	85	0.00
38 T	Trichloroethene	0.420	0.447	-6.4	85	0.00
39 T	1,2-Dichloropropane	0.289	0.290	-0.3	84	0.00
40 T	1,4-Dioxane	0.115	0.103	10.4	73	0.00
41 T	Tetrahydrofuran	0.273	0.286	-4.8	86	0.00
42 T	Bromodichloromethane	0.642	0.676	-5.3	82	0.00
43	Methyl Methacrylate	0.272	0.301	-10.7	83	0.00
44 T	2,2,4-Trimethylpentane	1.231	1.257	-2.1	84	0.00
45 T	t-1,3-Dichloropropene	0.242	0.289	-19.4	82	0.00
46 T	cis-1,3-Dichloropropene	0.331	0.395	-19.3	83	0.00
47 T	1,1,2-Trichloroethane	0.305	0.302	1.0	80	0.01
48 T	Dibromochloromethane	0.490	0.530	-8.2	79	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.377	0.405	-7.4	75	0.01
50 T	4-Methyl-2-Pentanone	0.744	0.772	-3.8	81	0.00
51 T	2-Hexanone	0.564	0.592	-5.0	78	0.00
52 T	Tetrachloroethene	0.242	0.254	-5.0	83	0.00
53 T	Toluene	0.789	0.848	-7.5	83	0.00
54 T	1,2-Dibromoethane	0.319	0.341	-6.9	79	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	0.389	0.387	0.5	79	0.00
57 T	Chlorobenzene	0.682	0.658	3.5	80	0.01
58 T	Ethyl Benzene	1.116	1.172	-5.0	81	0.00
59 T	m/p-Xylene	1.003	1.012	-0.9	79	0.00
60 T	o-Xylene	0.952	0.964	-1.3	79	0.01
61 T	Styrene	0.496	0.545	-9.9	78	0.00
62	Isopropylbenzene	1.370	1.349	1.5	79	0.00
63 T	1,1,2,2-Tetrachloroethane	0.346	0.317	8.4	76	0.00
64	n-propylbenzene	0.341	0.339	0.6	78	0.00
65	tert-Butylbenzene	1.173	1.192	-1.6	80	0.00
66 T	Benzyl Chloride	0.080	0.079	1.3	66	0.00
67	sec-Butylbenzene	1.663	1.699	-2.2	80	0.00
68 S	1-Bromo-4-Fluorobenzene	0.831	0.781	6.0	76	0.00
69	p-Isopropyltoluene	1.307	1.371	-4.9	80	0.00
70	n-Butylbenzene	1.409	1.477	-4.8	81	0.00
71	2-Chlorotoluene	1.054	1.044	0.9	78	0.00
72 T	4-Ethyltoluene	1.057	1.089	-3.0	78	0.00
73 T	1,3,5-Trimethylbenzene	0.952	0.972	-2.1	79	0.00
74 T	1,2,4-Trimethylbenzene	1.054	1.070	-1.5	80	0.00
75 T	1,3-Dichlorobenzene	0.585	0.593	-1.4	80	0.00
76 T	1,4-Dichlorobenzene	0.576	0.579	-0.5	80	0.00
77 T	1,2-Dichlorobenzene	0.560	0.584	-4.3	83	0.00
78 T	Hexachloro-1,3-Butadiene	0.410	0.357	12.9	79	0.00
79 T	Naphthalene	0.604	0.774	-28.1	85	0.01
80 T	Naphthalene,2-methyl-	0.203	0.118	41.9#	43	0.01
81 T	1,2,4-Trichlorobenzene	0.372	0.413	-11.0	86	0.01

(#) = Out of Range

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