

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040158.D
 Acq On : 13 Feb 2023 12:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 14 01:41:25 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 Feb 14 01:41:11 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	86	0.00
2 T	Dichlorodifluoromethane	1.753	1.553	11.4	87	0.00
3	Chlorodifluoromethane	1.199	1.149	4.2	89	0.00
4	Chloromethane	0.741	0.713	3.8	87	0.00
5 T	Vinyl Chloride	0.628	0.622	1.0	87	0.00
6 T	Bromomethane	0.229	0.210	8.3	83	0.00
7	Chloroethane	0.240	0.227	5.4	88	0.00
8 T	Dichlorotetrafluoroethane	1.637	1.561	4.6	87	0.00
9 T	Propene	0.498	0.471	5.4	87	0.00
10 T	Heptane	1.149	1.184	-3.0	85	0.00
11 T	Trichlorofluoromethane	1.750	1.644	6.1	83	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.316	1.219	7.4	83	0.00
13	Ethanol	0.046	0.035#	23.9	84	0.00
14 T	Bromoethene	0.488	0.486	0.4	86	0.00
15 T	Acetone	1.199	1.107	7.7	87	0.00
16 T	1,3-Butadiene	0.559	0.561	-0.4	89	0.00
17	tert-Butyl alcohol	1.117	1.120	-0.3	84	0.00
18 T	1,1-Dichloroethene	0.572	0.540	5.6	84	0.00
19 T	Isopropyl Alcohol	0.587	0.508	13.5	77	0.00
20 T	Methylene Chloride	0.529	0.444	16.1	82	0.00
21 T	Allyl Chloride	0.770	0.766	0.5	85	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.578	1.0	87	0.00
23 T	Vinyl Acetate	0.389	0.369	5.1	82	0.00
24 T	1,1-Dichloroethane	1.177	1.122	4.7	84	0.00
25 T	Ethyl Acetate	2.113	2.196	-3.9	91	0.00
26 T	Hexane	0.925	0.924	0.1	91	0.00
27 T	Carbon Disulfide	1.198	1.321	-10.3	84	0.00
28 T	Methyl tert-Butyl Ether	1.040	1.033	0.7	87	0.00
29 T	Chloroform	1.478	1.587	-7.4	97	0.00
30 T	Cyclohexane	0.735	0.763	-3.8	87	0.00
31 T	cis-1,2-Dichloroethene	0.895	0.853	4.7	84	0.00
32 T	1,1,1-Trichloroethane	1.503	1.600	-6.5	87	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
34 T	2-Butanone	0.473	0.492	-4.0	85	0.00
35 T	Carbon Tetrachloride	0.565	0.658	-16.5	85	0.00
36 T	Benzene	0.740	0.786	-6.2	88	0.00
37 T	1,2-Dichloroethane	0.476	0.496	-4.2	87	0.00
38 T	Trichloroethene	0.420	0.470	-11.9	88	0.00
39 T	1,2-Dichloropropane	0.289	0.303	-4.8	87	0.00
40 T	1,4-Dioxane	0.115	0.109	5.2	76	0.00
41 T	Tetrahydrofuran	0.273	0.306	-12.1	91	0.00
42 T	Bromodichloromethane	0.642	0.696	-8.4	83	0.00
43	Methyl Methacrylate	0.272	0.309	-13.6	84	0.00
44 T	2,2,4-Trimethylpentane	1.231	1.309	-6.3	86	0.00
45 T	t-1,3-Dichloropropene	0.242	0.303	-25.2	84	0.00
46 T	cis-1,3-Dichloropropene	0.331	0.405	-22.4	84	0.00
47 T	1,1,2-Trichloroethane	0.305	0.317	-3.9	83	0.00
48 T	Dibromochloromethane	0.490	0.543	-10.8	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.377	0.415	-10.1	76	0.00
50 T	4-Methyl-2-Pentanone	0.744	0.803	-7.9	84	0.00
51 T	2-Hexanone	0.564	0.611	-8.3	80	0.00
52 T	Tetrachloroethene	0.242	0.262	-8.3	85	0.00
53 T	Toluene	0.789	0.884	-12.0	85	0.00
54 T	1,2-Dibromoethane	0.319	0.351	-10.0	80	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.389	0.386	0.8	80	0.00
57 T	Chlorobenzene	0.682	0.662	2.9	82	0.00
58 T	Ethyl Benzene	1.116	1.173	-5.1	82	0.00
59 T	m/p-Xylene	1.003	1.011	-0.8	81	0.00
60 T	o-Xylene	0.952	0.960	-0.8	80	0.00
61 T	Styrene	0.496	0.544	-9.7	79	0.00
62	Isopropylbenzene	1.370	1.349	1.5	80	0.00
63 T	1,1,2,2-Tetrachloroethane	0.346	0.316	8.7	77	0.00
64	n-propylbenzene	0.341	0.339	0.6	79	0.00
65	tert-Butylbenzene	1.173	1.202	-2.5	82	0.00
66 T	Benzyl Chloride	0.080	0.082	-2.5	70	0.00
67	sec-Butylbenzene	1.663	1.690	-1.6	81	0.00
68 S	1-Bromo-4-Fluorobenzene	0.831	0.743	10.6	73	0.00
69	p-Isopropyltoluene	1.307	1.186	9.3	71	0.00
70	n-Butylbenzene	1.409	1.251	11.2	70	0.00
71	2-Chlorotoluene	1.054	1.042	1.1	79	0.00
72 T	4-Ethyltoluene	1.057	1.083	-2.5	79	0.00
73 T	1,3,5-Trimethylbenzene	0.952	0.975	-2.4	80	0.00
74 T	1,2,4-Trimethylbenzene	1.054	1.073	-1.8	81	0.00
75 T	1,3-Dichlorobenzene	0.585	0.593	-1.4	81	0.00
76 T	1,4-Dichlorobenzene	0.576	0.580	-0.7	82	0.00
77 T	1,2-Dichlorobenzene	0.560	0.516	7.9	75	0.00
78 T	Hexachloro-1,3-Butadiene	0.410	0.377	8.0	85	0.00
79 T	Naphthalene	0.604	0.744	-23.2	83	0.00
80 T	Naphthalene,2-methyl-	0.203	0.123	39.4#	45	0.00
81 T	1,2,4-Trichlorobenzene	0.372	0.389	-4.6	83	0.00

(#) = Out of Range

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