

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040104.D
 Acq On : 17 Jan 2023 8:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 17 09:50:45 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 : Mon Jan 16 14:40:47 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	97	0.01
2 T	Dichlorodifluoromethane	1.753	1.390	20.7	87	0.00
3	Chlorodifluoromethane	1.199	1.212	-1.1	105	0.00
4	Chloromethane	0.741	0.763	-3.0	104	0.00
5 T	Vinyl Chloride	0.628	0.649	-3.3	102	0.00
6 T	Bromomethane	0.229	0.236	-3.1	105	0.00
7	Chloroethane	0.240	0.252	-5.0	109	0.00
8 T	Dichlorotetrafluoroethane	1.637	1.626	0.7	101	0.00
9 T	Propene	0.498	0.512	-2.8	107	0.00
10 T	Heptane	1.149	1.280	-11.4	103	0.00
11 T	Trichlorofluoromethane	1.750	1.758	-0.5	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.316	1.311	0.4	101	0.00
13	Ethanol	0.046	0.038#	17.4	105	0.00
14 T	Bromoethene	0.488	0.530	-8.6	106	0.00
15 T	Acetone	1.199	1.183	1.3	104	0.00
16 T	1,3-Butadiene	0.559	0.597	-6.8	107	0.00
17	tert-Butyl alcohol	1.117	1.299	-16.3	109	0.00
18 T	1,1-Dichloroethene	0.572	0.572	0.0	100	0.00
19 T	Isopropyl Alcohol	0.587	0.652	-11.1	112	0.00
20 T	Methylene Chloride	0.529	0.507	4.2	105	0.00
21 T	Allyl Chloride	0.770	0.844	-9.6	106	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.612	-4.8	104	0.00
23 T	Vinyl Acetate	0.389	0.420	-8.0	105	0.00
24 T	1,1-Dichloroethane	1.177	1.226	-4.2	103	0.00
25 T	Ethyl Acetate	2.113	2.213	-4.7	104	0.00
26 T	Hexane	0.925	0.937	-1.3	103	0.00
27 T	Carbon Disulfide	1.198	1.461	-22.0	104	0.00
28 T	Methyl tert-Butyl Ether	1.040	1.102	-6.0	105	0.00
29 T	Chloroform	1.478	1.650	-11.6	114	0.00
30 T	Cyclohexane	0.735	0.825	-12.2	106	0.00
31 T	cis-1,2-Dichloroethene	0.895	0.942	-5.3	104	0.00
32 T	1,1,1-Trichloroethane	1.503	1.734	-15.4	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.473	0.495	-4.7	104	0.00
35 T	Carbon Tetrachloride	0.565	0.670	-18.6	104	0.00
36 T	Benzene	0.740	0.789	-6.6	106	0.00
37 T	1,2-Dichloroethane	0.476	0.496	-4.2	105	0.00
38 T	Trichloroethene	0.420	0.468	-11.4	106	0.00
39 T	1,2-Dichloropropane	0.289	0.305	-5.5	105	0.00
40 T	1,4-Dioxane	0.115	0.115	0.0	97	0.01
41 T	Tetrahydrofuran	0.273	0.301	-10.3	108	0.00
42 T	Bromodichloromethane	0.642	0.703	-9.5	101	0.00
43	Methyl Methacrylate	0.272	0.318	-16.9	105	0.00
44 T	2,2,4-Trimethylpentane	1.231	1.307	-6.2	104	0.00
45 T	t-1,3-Dichloropropene	0.242	0.310	-28.1	104	0.00
46 T	cis-1,3-Dichloropropene	0.331	0.422	-27.5	106	0.00
47 T	1,1,2-Trichloroethane	0.305	0.324	-6.2	103	0.00
48 T	Dibromochloromethane	0.490	0.568	-15.9	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.377	0.440	-16.7	97	0.01
50 T	4-Methyl-2-Pentanone	0.744	0.823	-10.6	104	0.00
51 T	2-Hexanone	0.564	0.645	-14.4	102	0.00
52 T	Tetrachloroethene	0.242	0.266	-9.9	104	0.00
53 T	Toluene	0.789	0.889	-12.7	104	0.00
54 T	1,2-Dibromoethane	0.319	0.375	-17.6	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
56	1,1,1,2-Tetrachloroethane	0.389	0.394	-1.3	100	0.01
57 T	Chlorobenzene	0.682	0.663	2.8	101	0.00
58 T	Ethyl Benzene	1.116	1.180	-5.7	101	0.00
59 T	m/p-Xylene	1.003	1.013	-1.0	99	0.00
60 T	o-Xylene	0.952	0.966	-1.5	99	0.00
61 T	Styrene	0.496	0.551	-11.1	98	0.00
62	Isopropylbenzene	1.370	1.345	1.8	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.346	0.311	10.1	94	0.01
64	n-propylbenzene	0.341	0.339	0.6	97	0.01
65	tert-Butylbenzene	1.173	1.143	2.6	95	0.00
66 T	Benzyl Chloride	0.080	0.083	-3.8	87	0.00
67	sec-Butylbenzene	1.663	1.610	3.2	95	0.01
68 S	1-Bromo-4-Fluorobenzene	0.831	0.785	5.5	95	0.01
69	p-Isopropyltoluene	1.307	1.294	1.0	95	0.00
70	n-Butylbenzene	1.409	1.393	1.1	95	0.00
71	2-Chlorotoluene	1.054	1.033	2.0	97	0.00
72 T	4-Ethyltoluene	1.057	1.075	-1.7	96	0.00
73 T	1,3,5-Trimethylbenzene	0.952	0.948	0.4	96	0.00
74 T	1,2,4-Trimethylbenzene	1.054	1.027	2.6	96	0.00
75 T	1,3-Dichlorobenzene	0.585	0.564	3.6	95	0.01
76 T	1,4-Dichlorobenzene	0.576	0.548	4.9	95	0.01
77 T	1,2-Dichlorobenzene	0.560	0.526	6.1	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.410	0.386	5.9	107	0.01
79 T	Naphthalene	0.604	0.848	-40.4#	116	0.02
80 T	Naphthalene,2-methyl-	0.203	0.239	-17.7	109	0.00
81 T	1,2,4-Trichlorobenzene	0.372	0.429	-15.3	112	0.02

(#) = Out of Range

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