

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL041995.D
 Acq On : 11 Feb 2025 09:21
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 11 22:16:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 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	108	-0.02
2 T	Dichlorodifluoromethane	1.362	1.118	17.9	93	0.00
3	Chlorodifluoromethane	1.427	1.321	7.4	108	0.00
4	Chloromethane	0.512	0.477	6.8	105	0.00
5 T	Vinyl Chloride	0.519	0.459	11.6	107	0.00
6 T	Bromomethane	0.247	0.211	14.6	100	0.00
7	Chloroethane	0.202	0.185	8.4	104	0.00
8 T	Dichlorotetrafluoroethane	1.190	1.055	11.3	104	0.00
9 T	Propene	0.588	0.527	10.4	100	0.00
10 T	Heptane	1.571	1.514	3.6	107	-0.03
11 T	Trichlorofluoromethane	1.417	1.196	15.6	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.110	0.980	11.7	100	-0.01
13	Ethanol	0.043	0.025#	41.9#	101	0.00
14 T	Bromoethene	0.407	0.340	16.5	99	0.00
15 T	Acetone	1.201	1.025	14.7	112	0.00
16 T	1,3-Butadiene	0.539	0.491	8.9	108	0.00
17	tert-Butyl alcohol	1.478	1.175	20.5	91	0.00
18 T	1,1-Dichloroethene	0.501	0.414	17.4	98	0.00
19 T	Isopropyl Alcohol	0.712	0.609	14.5	106	0.00
20 T	Methylene Chloride	0.475	0.354	25.5	98	-0.01
21 T	Allyl Chloride	0.832	0.759	8.8	104	0.00
22 T	trans-1,2-Dichloroethene	0.565	0.491	13.1	98	-0.01
23 T	Vinyl Acetate	0.595	0.554	6.9	112	-0.01
24 T	1,1-Dichloroethane	1.093	0.993	9.1	106	-0.02
25 T	Ethyl Acetate	3.239	3.190	1.5	112	-0.02
26 T	Hexane	1.281	1.236	3.5	106	-0.02
27 T	Carbon Disulfide	1.268	1.179	7.0	102	0.00
28 T	Methyl tert-Butyl Ether	0.979	0.786	19.7	110	-0.01
29 T	Chloroform	2.025	1.911	5.6	108	-0.02
30 T	Cyclohexane	1.111	1.040	6.4	104	-0.02
31 T	cis-1,2-Dichloroethene	1.349	1.192	11.6	102	-0.01
32 T	1,1,1-Trichloroethane	1.938	1.777	8.3	101	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.03
34 T	2-Butanone	0.636	0.639	-0.5	109	-0.01
35 T	Carbon Tetrachloride	0.628	0.639	-1.8	101	-0.03
36 T	Benzene	0.917	0.892	2.7	104	-0.02
37 T	1,2-Dichloroethane	0.515	0.497	3.5	104	-0.02
38 T	Trichloroethene	0.364	0.357	1.9	104	-0.03
39 T	1,2-Dichloropropane	0.322	0.323	-0.3	109	-0.03
40 T	1,4-Dioxane	0.162	0.158	2.5	110	-0.03
41 T	Tetrahydrofuran	0.346	0.364	-5.2	108	-0.02
42 T	Bromodichloromethane	0.691	0.684	1.0	103	-0.03
43	Methyl Methacrylate	0.341	0.323	5.3	98	-0.03
44 T	2,2,4-Trimethylpentane	1.484	1.513	-2.0	107	-0.03
45 T	t-1,3-Dichloropropene	0.319	0.300	6.0	91	-0.04
46 T	cis-1,3-Dichloropropene	0.419	0.408	2.6	94	-0.04
47 T	1,1,2-Trichloroethane	0.341	0.343	-0.6	106	-0.03
48 T	Dibromochloromethane	0.526	0.542	-3.0	102	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.432	0.449	-3.9	100	-0.02
50 T	4-Methyl-2-Pentanone	0.868	0.886	-2.1	109	-0.04
51 T	2-Hexanone	0.667	0.681	-2.1	107	-0.03
52 T	Tetrachloroethene	0.318	0.286	10.1	100	-0.03
53 T	Toluene	0.999	0.986	1.3	100	-0.03
54 T	1,2-Dibromoethane	0.469	0.466	0.6	106	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	102	-0.02
56	1,1,1,2-Tetrachloroethane	0.499	0.506	-1.4	108	-0.03
57 T	Chlorobenzene	0.922	0.898	2.6	108	-0.03
58 T	Ethyl Benzene	1.563	1.531	2.0	101	-0.02
59 T	m/p-Xylene	1.253	1.269	-1.3	106	-0.02
60 T	o-Xylene	1.243	1.261	-1.4	105	-0.03
61 T	Styrene	0.558	0.559	-0.2	97	-0.02
62	Isopropylbenzene	1.924	1.905	1.0	105	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.795	0.820	-3.1	112	-0.02
64	n-propylbenzene	0.486	0.485	0.2	106	-0.02
65	tert-Butylbenzene	1.753	1.725	1.6	105	-0.02
66 T	Benzyl Chloride	0.109	0.099	9.2	88	-0.02
67	sec-Butylbenzene	2.414	2.395	0.8	107	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.788	0.790	-0.3	103	-0.02
69	p-Isopropyltoluene	1.988	1.952	1.8	104	-0.02
70	n-Butylbenzene	1.972	1.924	2.4	104	-0.02
71	2-Chlorotoluene	1.423	1.378	3.2	101	-0.02
72 T	4-Ethyltoluene	1.487	1.497	-0.7	105	-0.02
73 T	1,3,5-Trimethylbenzene	1.313	1.297	1.2	105	-0.02
74 T	1,2,4-Trimethylbenzene	1.422	1.413	0.6	107	-0.02
75 T	1,3-Dichlorobenzene	0.843	0.811	3.8	107	-0.02
76 T	1,4-Dichlorobenzene	0.825	0.802	2.8	107	-0.02
77 T	1,2-Dichlorobenzene	0.835	0.812	2.8	110	-0.02
78 T	Hexachloro-1,3-Butadiene	0.686	0.545	20.6	95	-0.02
79 T	Naphthalene	1.432	1.231	14.0	100	-0.02
80 T	Naphthalene,2-methyl-	0.679	0.353	48.0#	78	-0.02
81 T	1,2,4-Trichlorobenzene	0.699	0.551	21.2	94	-0.02

(#) = Out of Range

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