

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042603.D
 Acq On : 03 Jun 2025 09:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 04 01:36:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 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	101	0.00
2 T	Dichlorodifluoromethane	1.229	1.133	7.8	101	0.00
3	Chlorodifluoromethane	1.693	1.512	10.7	103	0.00
4	Chloromethane	0.487	0.438	10.1	96	0.00
5 T	Vinyl Chloride	0.496	0.409	17.5	94	0.00
6 T	Bromomethane	0.241	0.206	14.5	96	0.00
7	Chloroethane	0.193	0.165	14.5	95	0.00
8 T	Dichlorotetrafluoroethane	1.024	0.934	8.8	99	0.00
9 T	Propene	0.682	0.588	13.8	91	0.00
10 T	Heptane	1.921	1.685	12.3	96	0.00
11 T	Trichlorofluoromethane	1.144	1.103	3.6	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.898	0.831	7.5	100	0.00
13	Ethanol	0.081	0.045#	44.4#	78	0.00
14 T	Bromoethene	0.338	0.309	8.6	98	0.00
15 T	Acetone	1.205	0.929	22.9	101	0.00
16 T	1,3-Butadiene	0.571	0.486	14.9	100	0.00
17	tert-Butyl alcohol	1.255	1.123	10.5	92	0.00
18 T	1,1-Dichloroethene	0.416	0.374	10.1	100	0.00
19 T	Isopropyl Alcohol	0.720	0.623	13.5	95	0.00
20 T	Methylene Chloride	0.398	0.314	21.1	97	0.00
21 T	Allyl Chloride	0.850	0.760	10.6	97	0.00
22 T	trans-1,2-Dichloroethene	0.465	0.415	10.8	98	0.00
23 T	Vinyl Acetate	1.628	1.619	0.6	112	0.00
24 T	1,1-Dichloroethane	0.957	0.857	10.4	96	0.00
25 T	Ethyl Acetate	3.296	3.016	8.5	100	0.00
26 T	Hexane	1.498	1.316	12.1	98	0.00
27 T	Carbon Disulfide	1.150	1.055	8.3	99	0.00
28 T	Methyl tert-Butyl Ether	0.608	0.507	16.6	93	0.00
29 T	Chloroform	1.948	1.872	3.9	108	0.00
30 T	Cyclohexane	1.242	1.095	11.8	96	0.00
31 T	cis-1,2-Dichloroethene	1.370	1.275	6.9	101	0.00
32 T	1,1,1-Trichloroethane	1.990	1.854	6.8	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.713	0.712	0.1	101	0.00
35 T	Carbon Tetrachloride	0.660	0.678	-2.7	105	0.00
36 T	Benzene	0.985	0.955	3.0	99	0.00
37 T	1,2-Dichloroethane	0.489	0.525	-7.4	109	0.00
38 T	Trichloroethene	0.419	0.390	6.9	96	0.00
39 T	1,2-Dichloropropane	0.364	0.349	4.1	99	0.00
40 T	1,4-Dioxane	0.163	0.157	3.7	96	0.00
41 T	Tetrahydrofuran	0.417	0.397	4.8	95	0.00
42 T	Bromodichloromethane	0.695	0.737	-6.0	104	0.00
43	Methyl Methacrylate	0.382	0.372	2.6	94	0.00
44 T	2,2,4-Trimethylpentane	1.684	1.619	3.9	99	0.00
45 T	t-1,3-Dichloropropene	0.437	0.433	0.9	95	0.00
46 T	cis-1,3-Dichloropropene	0.548	0.541	1.3	95	0.00
47 T	1,1,2-Trichloroethane	0.377	0.371	1.6	100	0.00
48 T	Dibromochloromethane	0.603	0.610	-1.2	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.521	0.521	0.0	95	0.00
50 T	4-Methyl-2-Pentanone	0.989	0.962	2.7	93	0.00
51 T	2-Hexanone	0.784	0.775	1.1	92	0.00
52 T	Tetrachloroethene	0.368	0.334	9.2	93	0.00
53 T	Toluene	1.138	1.082	4.9	95	0.00
54 T	1,2-Dibromoethane	0.558	0.545	2.3	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.503	0.502	0.2	97	0.00
57 T	Chlorobenzene	0.971	0.920	5.3	96	0.00
58 T	Ethyl Benzene	1.696	1.643	3.1	96	0.00
59 T	m/p-Xylene	1.335	1.305	2.2	97	0.01
60 T	o-Xylene	1.331	1.302	2.2	99	0.00
61 T	Styrene	0.629	0.603	4.1	92	0.00
62	Isopropylbenzene	1.967	1.908	3.0	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.847	0.816	3.7	102	0.00
64	n-propylbenzene	0.527	0.503	4.6	96	0.00
65	tert-Butylbenzene	1.785	1.676	6.1	96	0.00
66 T	Benzyl Chloride	0.230	0.217	5.7	81	0.00
67	sec-Butylbenzene	2.509	2.381	5.1	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.775	-3.3	94	0.00
69	p-Isopropyltoluene	2.101	1.975	6.0	95	0.00
70	n-Butylbenzene	2.074	2.026	2.3	99	0.00
71	2-Chlorotoluene	1.500	1.452	3.2	97	0.00
72 T	4-Ethyltoluene	1.660	1.612	2.9	98	0.00
73 T	1,3,5-Trimethylbenzene	1.374	1.330	3.2	97	0.00
74 T	1,2,4-Trimethylbenzene	1.524	1.457	4.4	98	0.00
75 T	1,3-Dichlorobenzene	0.957	0.911	4.8	98	0.00
76 T	1,4-Dichlorobenzene	0.955	0.914	4.3	97	0.00
77 T	1,2-Dichlorobenzene	0.929	0.875	5.8	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.769	0.653	15.1	97	0.00
79 T	Naphthalene	1.437	1.439	-0.1	94	0.00
80 T	Naphthalene,2-methyl-	0.649	0.710	-9.4	89	0.00
81 T	1,2,4-Trichlorobenzene	0.802	0.758	5.5	93	0.00

(#) = Out of Range

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