

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042509.D
 Acq On : 07 May 2025 09:42
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 08 01:21:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 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	115	0.00
2 T	Dichlorodifluoromethane	1.655	1.601	3.3	125	0.00
3	Chlorodifluoromethane	1.750	1.770	-1.1	130	0.00
4	Chloromethane	0.692	0.669	3.3	123	0.00
5 T	Vinyl Chloride	0.696	0.620	10.9	126	0.00
6 T	Bromomethane	0.329	0.308	6.4	124	0.00
7	Chloroethane	0.257	0.255	0.8	126	0.00
8 T	Dichlorotetrafluoroethane	1.364	1.327	2.7	123	0.00
9 T	Propene	0.572	0.611	-6.8	134	0.00
10 T	Heptane	1.484	1.605	-8.2	127	0.00
11 T	Trichlorofluoromethane	1.527	1.483	2.9	124	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.219	1.198	1.7	125	0.00
13	Ethanol	0.116	0.085	26.7	123	0.00
14 T	Bromoethene	0.450	0.459	-2.0	132	0.00
15 T	Acetone	1.826	1.414	22.6	123	0.00
16 T	1,3-Butadiene	0.805	0.717	10.9	121	0.00
17	tert-Butyl alcohol	1.608	1.480	8.0	114	0.00
18 T	1,1-Dichloroethene	0.569	0.547	3.9	127	0.00
19 T	Isopropyl Alcohol	1.010	0.909	10.0	119	0.00
20 T	Methylene Chloride	0.549	0.458	16.6	117	0.00
21 T	Allyl Chloride	1.174	1.130	3.7	120	0.00
22 T	trans-1,2-Dichloroethene	0.665	0.579	12.9	120	0.00
23 T	Vinyl Acetate	1.742	1.848	-6.1	123	0.00
24 T	1,1-Dichloroethane	1.357	1.242	8.5	119	0.00
25 T	Ethyl Acetate	2.923	3.104	-6.2	126	0.00
26 T	Hexane	1.273	1.379	-8.3	130	0.00
27 T	Carbon Disulfide	1.486	1.500	-0.9	121	0.00
28 T	Methyl tert-Butyl Ether	0.765	0.665	13.1	114	0.00
29 T	Chloroform	2.386	2.358	1.2	123	0.00
30 T	Cyclohexane	1.065	1.102	-3.5	121	0.00
31 T	cis-1,2-Dichloroethene	1.486	1.468	1.2	126	0.00
32 T	1,1,1-Trichloroethane	2.589	2.443	5.6	123	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
34 T	2-Butanone	0.723	0.781	-8.0	127	0.00
35 T	Carbon Tetrachloride	0.908	0.936	-3.1	121	0.00
36 T	Benzene	0.944	1.053	-11.5	126	0.00
37 T	1,2-Dichloroethane	0.727	0.744	-2.3	120	0.00
38 T	Trichloroethene	0.360	0.389	-8.1	120	0.00
39 T	1,2-Dichloropropane	0.353	0.375	-6.2	126	0.00
40 T	1,4-Dioxane	0.165	0.165	0.0	117	0.00
41 T	Tetrahydrofuran	0.344	0.383	-11.3	126	0.00
42 T	Bromodichloromethane	0.889	0.951	-7.0	121	0.00
43	Methyl Methacrylate	0.352	0.406	-15.3	119	0.00
44 T	2,2,4-Trimethylpentane	1.530	1.740	-13.7	130	0.00
45 T	t-1,3-Dichloropropene	0.462	0.513	-11.0	114	0.01
46 T	cis-1,3-Dichloropropene	0.549	0.618	-12.6	119	0.00
47 T	1,1,2-Trichloroethane	0.387	0.408	-5.4	122	0.01
48 T	Dibromochloromethane	0.654	0.708	-8.3	120	0.00

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49 T	Bromoform	0.549	0.578	-5.3	117	0.00
50 T	4-Methyl-2-Pentanone	0.915	1.003	-9.6	123	0.00
51 T	2-Hexanone	0.731	0.791	-8.2	117	0.00
52 T	Tetrachloroethene	0.359	0.343	4.5	120	0.00
53 T	Toluene	0.999	1.123	-12.4	118	0.00
54 T	1,2-Dibromoethane	0.592	0.622	-5.1	120	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.591	0.629	-6.4	122	0.00
57 T	Chlorobenzene	1.005	1.053	-4.8	122	0.00
58 T	Ethyl Benzene	1.671	1.877	-12.3	114	0.00
59 T	m/p-Xylene	1.401	1.629	-16.3	120	0.03
60 T	o-Xylene	1.403	1.634	-16.5	121	0.00
61 T	Styrene	0.523	0.603	-15.3	109	0.00
62	Isopropylbenzene	2.023	2.294	-13.4	118	0.00
63 T	1,1,2,2-Tetrachloroethane	0.967	1.021	-5.6	127	0.00
64	n-propylbenzene	0.495	0.570	-15.2	124	0.00
65	tert-Butylbenzene	1.806	2.031	-12.5	117	0.00
66 T	Benzyl Chloride	0.209	0.278	-33.0#	126	0.00
67	sec-Butylbenzene	2.566	2.939	-14.5	121	0.00
68 S	1-Bromo-4-Fluorobenzene	0.927	0.931	-0.4	103	0.00
69	p-Isopropyltoluene	2.162	2.428	-12.3	118	0.00
70	n-Butylbenzene	2.235	2.571	-15.0	123	0.00
71	2-Chlorotoluene	1.587	1.793	-13.0	118	0.00
72 T	4-Ethyltoluene	1.654	1.934	-16.9	118	0.00
73 T	1,3,5-Trimethylbenzene	1.455	1.680	-15.5	120	0.00
74 T	1,2,4-Trimethylbenzene	1.760	1.888	-7.3	120	0.00
75 T	1,3-Dichlorobenzene	0.980	1.037	-5.8	122	0.00
76 T	1,4-Dichlorobenzene	0.927	1.048	-13.1	121	0.00
77 T	1,2-Dichlorobenzene	0.959	1.011	-5.4	123	0.00
78 T	Hexachloro-1,3-Butadiene	0.958	0.872	9.0	119	0.00
79 T	Naphthalene	1.482	1.766	-19.2	121	0.00
80 T	Naphthalene,2-methyl-	1.101	1.282	-16.4	115	0.00
81 T	1,2,4-Trichlorobenzene	0.790	0.849	-7.5	115	0.00

(#) = Out of Range

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