

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042469.D
 Acq On : 05 May 2025 08:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 06 01:38:03 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	105	0.00
2 T	Dichlorodifluoromethane	1.655	1.672	-1.0	119	0.00
3	Chlorodifluoromethane	1.750	1.642	6.2	110	0.00
4	Chloromethane	0.692	0.663	4.2	111	0.00
5 T	Vinyl Chloride	0.696	0.623	10.5	115	0.00
6 T	Bromomethane	0.329	0.350	-6.4	129	0.00
7	Chloroethane	0.257	0.258	-0.4	117	0.00
8 T	Dichlorotetrafluoroethane	1.364	1.393	-2.1	118	0.00
9 T	Propene	0.572	0.530	7.3	106	0.00
10 T	Heptane	1.484	1.463	1.4	106	0.00
11 T	Trichlorofluoromethane	1.527	1.574	-3.1	120	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.219	1.241	-1.8	118	0.00
13	Ethanol	0.116	0.081	30.2#	106	0.00
14 T	Bromoethene	0.450	0.453	-0.7	119	0.00
15 T	Acetone	1.826	1.482	18.8	118	0.00
16 T	1,3-Butadiene	0.805	0.760	5.6	117	0.00
17	tert-Butyl alcohol	1.608	1.660	-3.2	117	0.00
18 T	1,1-Dichloroethene	0.569	0.565	0.7	120	0.00
19 T	Isopropyl Alcohol	1.010	0.976	3.4	117	0.00
20 T	Methylene Chloride	0.549	0.485	11.7	113	0.00
21 T	Allyl Chloride	1.174	1.165	0.8	113	0.00
22 T	trans-1,2-Dichloroethene	0.665	0.630	5.3	120	0.00
23 T	Vinyl Acetate	1.742	1.795	-3.0	109	0.00
24 T	1,1-Dichloroethane	1.357	1.305	3.8	114	0.00
25 T	Ethyl Acetate	2.923	2.834	3.0	105	0.00
26 T	Hexane	1.273	1.273	0.0	110	0.00
27 T	Carbon Disulfide	1.486	1.615	-8.7	119	0.00
28 T	Methyl tert-Butyl Ether	0.765	0.722	5.6	113	0.00
29 T	Chloroform	2.386	2.324	2.6	111	0.00
30 T	Cyclohexane	1.065	1.051	1.3	105	0.00
31 T	cis-1,2-Dichloroethene	1.486	1.435	3.4	112	0.00
32 T	1,1,1-Trichloroethane	2.589	2.470	4.6	113	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.723	0.649	10.2	102	0.00
35 T	Carbon Tetrachloride	0.908	0.919	-1.2	115	0.00
36 T	Benzene	0.944	0.928	1.7	107	0.00
37 T	1,2-Dichloroethane	0.727	0.706	2.9	110	0.00
38 T	Trichloroethene	0.360	0.369	-2.5	110	0.00
39 T	1,2-Dichloropropane	0.353	0.324	8.2	106	0.00
40 T	1,4-Dioxane	0.165	0.143	13.3	98	0.00
41 T	Tetrahydrofuran	0.344	0.318	7.6	101	0.00
42 T	Bromodichloromethane	0.889	0.920	-3.5	113	0.00
43	Methyl Methacrylate	0.352	0.367	-4.3	104	0.00
44 T	2,2,4-Trimethylpentane	1.530	1.505	1.6	108	0.00
45 T	t-1,3-Dichloropropene	0.462	0.507	-9.7	109	0.00
46 T	cis-1,3-Dichloropropene	0.549	0.567	-3.3	105	0.00
47 T	1,1,2-Trichloroethane	0.387	0.374	3.4	108	0.00
48 T	Dibromochloromethane	0.654	0.690	-5.5	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.549	0.571	-4.0	112	0.00
50 T	4-Methyl-2-Pentanone	0.915	0.881	3.7	104	0.00
51 T	2-Hexanone	0.731	0.710	2.9	102	0.00
52 T	Tetrachloroethene	0.359	0.325	9.5	110	0.00
53 T	Toluene	0.999	1.063	-6.4	108	0.00
54 T	1,2-Dibromoethane	0.592	0.577	2.5	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
56	1,1,1,2-Tetrachloroethane	0.591	0.587	0.7	113	0.00
57 T	Chlorobenzene	1.005	0.933	7.2	107	0.00
58 T	Ethyl Benzene	1.671	1.752	-4.8	106	0.00
59 T	m/p-Xylene	1.401	1.496	-6.8	109	0.03
60 T	o-Xylene	1.403	1.480	-5.5	108	0.00
61 T	Styrene	0.523	0.584	-11.7	104	0.00
62	Isopropylbenzene	2.023	2.132	-5.4	109	0.00
63 T	1,1,2,2-Tetrachloroethane	0.967	0.884	8.6	109	0.00
64	n-propylbenzene	0.495	0.516	-4.2	111	0.00
65	tert-Butylbenzene	1.806	1.929	-6.8	110	0.00
66 T	Benzyl Chloride	0.209	0.277	-32.5#	124	0.00
67	sec-Butylbenzene	2.566	2.712	-5.7	111	0.00
68 S	1-Bromo-4-Fluorobenzene	0.927	0.947	-2.2	103	0.00
69	p-Isopropyltoluene	2.162	2.305	-6.6	111	0.00
70	n-Butylbenzene	2.235	2.360	-5.6	112	0.00
71	2-Chlorotoluene	1.587	1.667	-5.0	108	0.00
72 T	4-Ethyltoluene	1.654	1.803	-9.0	109	0.00
73 T	1,3,5-Trimethylbenzene	1.455	1.570	-7.9	111	0.00
74 T	1,2,4-Trimethylbenzene	1.760	1.770	-0.6	112	0.00
75 T	1,3-Dichlorobenzene	0.980	0.950	3.1	110	0.00
76 T	1,4-Dichlorobenzene	0.927	0.980	-5.7	112	0.00
77 T	1,2-Dichlorobenzene	0.959	0.926	3.4	111	0.00
78 T	Hexachloro-1,3-Butadiene	0.958	0.853	11.0	115	0.00
79 T	Naphthalene	1.482	1.625	-9.6	111	0.00
80 T	Naphthalene,2-methyl-	1.101	1.307	-18.7	116	0.00
81 T	1,2,4-Trichlorobenzene	0.790	0.836	-5.8	112	0.00

(#) = Out of Range

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