

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042507.D
 Acq On : 06 May 2025 20:45
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 07 01:48:51 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	103	0.00
2 T	Dichlorodifluoromethane	1.655	1.727	-4.4	120	0.00
3	Chlorodifluoromethane	1.750	2.104	-20.2	137	0.00
4	Chloromethane	0.692	0.701	-1.3	115	0.00
5 T	Vinyl Chloride	0.696	0.653	6.2	118	0.00
6 T	Bromomethane	0.329	0.334	-1.5	120	0.00
7	Chloroethane	0.257	0.264	-2.7	117	0.00
8 T	Dichlorotetrafluoroethane	1.364	1.428	-4.7	119	0.00
9 T	Propene	0.572	0.508	11.2	99	0.00
10 T	Heptane	1.484	1.640	-10.5	116	0.00
11 T	Trichlorofluoromethane	1.527	1.610	-5.4	120	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.219	1.299	-6.6	121	0.00
13	Ethanol	0.116	0.050	56.9#	65	0.00
14 T	Bromoethene	0.450	0.477	-6.0	123	0.00
15 T	Acetone	1.826	1.526	16.4	119	0.00
16 T	1,3-Butadiene	0.805	0.806	-0.1	121	0.00
17	tert-Butyl alcohol	1.608	1.159	27.9	80	0.00
18 T	1,1-Dichloroethene	0.569	0.601	-5.6	125	0.00
19 T	Isopropyl Alcohol	1.010	0.501	50.4#	59	0.00
20 T	Methylene Chloride	0.549	0.481	12.4	110	0.00
21 T	Allyl Chloride	1.174	1.057	10.0	101	0.00
22 T	trans-1,2-Dichloroethene	0.665	0.652	2.0	121	0.00
23 T	Vinyl Acetate	1.742	0.437	74.9#	26	0.00
24 T	1,1-Dichloroethane	1.357	1.346	0.8	115	0.00
25 T	Ethyl Acetate	2.923	2.909	0.5	105	0.00
26 T	Hexane	1.273	1.317	-3.5	111	0.00
27 T	Carbon Disulfide	1.486	1.575	-6.0	114	0.00
28 T	Methyl tert-Butyl Ether	0.765	0.668	12.7	102	0.00
29 T	Chloroform	2.386	2.494	-4.5	116	0.00
30 T	Cyclohexane	1.065	1.080	-1.4	106	0.00
31 T	cis-1,2-Dichloroethene	1.486	1.359	8.5	104	0.00
32 T	1,1,1-Trichloroethane	2.589	2.499	3.5	112	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.01
34 T	2-Butanone	0.723	0.594	17.8	87	0.00
35 T	Carbon Tetrachloride	0.908	0.973	-7.2	114	0.00
36 T	Benzene	0.944	0.984	-4.2	107	0.00
37 T	1,2-Dichloroethane	0.727	0.726	0.1	106	0.00
38 T	Trichloroethene	0.360	0.489	-35.8#	137	0.01
39 T	1,2-Dichloropropane	0.353	0.355	-0.6	108	0.00
40 T	1,4-Dioxane	0.165	0.134	18.8	86	0.00
41 T	Tetrahydrofuran	0.344	0.314	8.7	93	0.00
42 T	Bromodichloromethane	0.889	0.964	-8.4	111	0.00
43	Methyl Methacrylate	0.352	0.311	11.6	83	0.00
44 T	2,2,4-Trimethylpentane	1.530	1.731	-13.1	117	0.01
45 T	t-1,3-Dichloropropene	0.462	0.302	34.6#	61	0.02
46 T	cis-1,3-Dichloropropene	0.549	0.440	19.9	77	0.01
47 T	1,1,2-Trichloroethane	0.387	0.397	-2.6	108	0.01
48 T	Dibromochloromethane	0.654	0.700	-7.0	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.549	0.589	-7.3	108	0.00
50 T	4-Methyl-2-Pentanone	0.915	0.827	9.6	92	0.02
51 T	2-Hexanone	0.731	0.503	31.2#	67	0.01
52 T	Tetrachloroethene	0.359	0.333	7.2	106	0.00
53 T	Toluene	0.999	1.107	-10.8	106	0.01
54 T	1,2-Dibromoethane	0.592	0.519	12.3	91	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.591	0.649	-9.8	114	0.00
57 T	Chlorobenzene	1.005	1.104	-9.9	116	0.01
58 T	Ethyl Benzene	1.671	1.978	-18.4	109	0.00
59 T	m/p-Xylene	1.401	1.743	-24.4	116	0.03
60 T	o-Xylene	1.403	1.780	-26.9	119	0.00
61 T	Styrene	0.523	0.595	-13.8	97	0.00
62	Isopropylbenzene	2.023	2.498	-23.5	117	0.00
63 T	1,1,2,2-Tetrachloroethane	0.967	0.811	16.1	91	0.00
64	n-propylbenzene	0.495	0.623	-25.9	123	0.00
65	tert-Butylbenzene	1.806	2.267	-25.5	119	0.00
66 T	Benzyl Chloride	0.209	0.081	61.2#	33	0.00
67	sec-Butylbenzene	2.566	3.270	-27.4	122	0.00
68 S	1-Bromo-4-Fluorobenzene	0.927	0.988	-6.6	99	0.00
69	p-Isopropyltoluene	2.162	2.802	-29.6	124	0.00
70	n-Butylbenzene	2.235	2.977	-33.2#	129	0.00
71	2-Chlorotoluene	1.587	1.982	-24.9	118	0.00
72 T	4-Ethyltoluene	1.654	2.235	-35.1#	123	0.00
73 T	1,3,5-Trimethylbenzene	1.455	1.920	-32.0#	124	0.00
74 T	1,2,4-Trimethylbenzene	1.760	2.202	-25.1	127	0.00
75 T	1,3-Dichlorobenzene	0.980	1.241	-26.6	132	0.00
76 T	1,4-Dichlorobenzene	0.927	1.224	-32.0#	128	0.00
77 T	1,2-Dichlorobenzene	0.959	1.230	-28.3	135	0.00
78 T	Hexachloro-1,3-Butadiene	0.958	1.190	-24.2	147	0.00
79 T	Naphthalene	1.482	2.428	-63.8#	151#	0.00
80 T	Naphthalene,2-methyl-	1.101	1.621	-47.2#	131	0.00
81 T	1,2,4-Trichlorobenzene	0.790	1.177	-49.0#	144	0.00

(#) = Out of Range

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