

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
 Data File : VL042536.D
 Acq On : 14 May 2025 10:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 15 01:31:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 13 02:07:03 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	102	0.01
2 T	Dichlorodifluoromethane	1.624	1.454	10.5	101	0.00
3	Chlorodifluoromethane	1.655	1.513	8.6	100	0.00
4	Chloromethane	0.663	0.593	10.6	103	0.00
5 T	Vinyl Chloride	0.678	0.550	18.9	101	0.00
6 T	Bromomethane	0.322	0.290	9.9	101	0.00
7	Chloroethane	0.268	0.214	20.1	98	0.00
8 T	Dichlorotetrafluoroethane	1.397	1.229	12.0	102	0.00
9 T	Propene	0.359	0.497	-38.4#	569#	0.00
10 T	Heptane	1.371	1.421	-3.6	98	0.03
11 T	Trichlorofluoromethane	1.562	1.483	5.1	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.255	1.191	5.1	110	0.01
13	Ethanol	0.097	0.069	28.9	104	0.00
14 T	Bromoethene	0.457	0.423	7.4	106	0.00
15 T	Acetone	1.612	1.223	24.1	103	0.00
16 T	1,3-Butadiene	0.719	0.645	10.3	102	0.00
17	tert-Butyl alcohol	1.477	1.420	3.9	105	0.00
18 T	1,1-Dichloroethene	0.550	0.528	4.0	109	0.00
19 T	Isopropyl Alcohol	0.868	0.793	8.6	104	0.00
20 T	Methylene Chloride	0.556	0.474	14.7	113	0.00
21 T	Allyl Chloride	1.058	1.017	3.9	105	0.00
22 T	trans-1,2-Dichloroethene	0.643	0.596	7.3	108	0.01
23 T	Vinyl Acetate	1.673	1.648	1.5	104	0.00
24 T	1,1-Dichloroethane	1.244	1.181	5.1	106	0.01
25 T	Ethyl Acetate	2.806	2.718	3.1	97	0.01
26 T	Hexane	1.152	1.209	-4.9	102	0.00
27 T	Carbon Disulfide	1.487	1.471	1.1	106	0.00
28 T	Methyl tert-Butyl Ether	0.640	0.714	-11.6	120	0.01
29 T	Chloroform	2.389	2.122	11.2	101	0.01
30 T	Cyclohexane	0.946	0.993	-5.0	99	0.02
31 T	cis-1,2-Dichloroethene	1.301	1.220	6.2	98	0.01
32 T	1,1,1-Trichloroethane	2.465	2.166	12.1	98	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.02
34 T	2-Butanone	0.659	0.571	13.4	97	0.00
35 T	Carbon Tetrachloride	0.899	0.804	10.6	101	0.02
36 T	Benzene	0.886	0.844	4.7	102	0.02
37 T	1,2-Dichloroethane	0.632	0.562	11.1	100	0.01
38 T	Trichloroethene	0.385	0.350	9.1	99	0.02
39 T	1,2-Dichloropropane	0.330	0.296	10.3	98	0.02
40 T	1,4-Dioxane	0.134	0.131	2.2	99	0.02
41 T	Tetrahydrofuran	0.285	0.297	-4.2	98	0.00
42 T	Bromodichloromethane	0.844	0.775	8.2	101	0.02
43	Methyl Methacrylate	0.297	0.310	-4.4	98	0.03
44 T	2,2,4-Trimethylpentane	1.404	1.390	1.0	99	0.02
45 T	t-1,3-Dichloropropene	0.379	0.389	-2.6	98	0.03
46 T	cis-1,3-Dichloropropene	0.456	0.468	-2.6	98	0.03
47 T	1,1,2-Trichloroethane	0.389	0.350	10.0	101	0.03
48 T	Dibromochloromethane	0.649	0.618	4.8	102	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.533	0.521	2.3	101	0.01
50 T	4-Methyl-2-Pentanone	0.774	0.799	-3.2	98	0.02
51 T	2-Hexanone	0.576	0.654	-13.5	100	0.02
52 T	Tetrachloroethene	0.339	0.304	10.3	98	0.02
53 T	Toluene	0.870	0.936	-7.6	100	0.03
54 T	1,2-Dibromoethane	0.568	0.527	7.2	100	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.02
56	1,1,1,2-Tetrachloroethane	0.620	0.552	11.0	100	0.02
57 T	Chlorobenzene	1.004	0.902	10.2	100	0.02
58 T	Ethyl Benzene	1.363	1.563	-14.7	100	0.02
59 T	m/p-Xylene	1.211	1.322	-9.2	99	0.02
60 T	o-Xylene	1.182	1.330	-12.5	100	0.01
61 T	Styrene	0.438	0.517	-18.0	102	0.02
62	Isopropylbenzene	1.780	1.935	-8.7	101	0.01
63 T	1,1,2,2-Tetrachloroethane	0.959	0.822	14.3	101	0.02
64	n-propylbenzene	0.452	0.496	-9.7	98	0.01
65	tert-Butylbenzene	1.635	1.764	-7.9	100	0.01
66 T	Benzyl Chloride	0.217	0.226	-4.1	102	0.01
67	sec-Butylbenzene	2.344	2.436	-3.9	99	0.01
68 S	1-Bromo-4-Fluorobenzene	0.870	0.871	-0.1	100	0.02
69	p-Isopropyltoluene	1.927	2.129	-10.5	99	0.00
70	n-Butylbenzene	1.904	2.116	-11.1	100	0.00
71	2-Chlorotoluene	1.348	1.493	-10.8	101	0.01
72 T	4-Ethyltoluene	1.466	1.650	-12.6	100	0.00
73 T	1,3,5-Trimethylbenzene	1.277	1.386	-8.5	98	0.00
74 T	1,2,4-Trimethylbenzene	1.572	1.574	-0.1	98	0.00
75 T	1,3-Dichlorobenzene	0.984	0.932	5.3	98	0.00
76 T	1,4-Dichlorobenzene	0.936	0.933	0.3	101	0.01
77 T	1,2-Dichlorobenzene	1.017	0.906	10.9	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.872	0.749	14.1	103	0.00
79 T	Naphthalene	1.089	1.466	-34.6#	107	0.00
80 T	Naphthalene,2-methyl-	0.629	0.913	-45.2#	118	0.00
81 T	1,2,4-Trichlorobenzene	0.662	0.754	-13.9	104	0.00

(#) = Out of Range

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