

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061725\
 Data File : VL042641.D
 Acq On : 17 Jun 2025 09:38
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 18 04:22:19 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	100	0.00
2 T	Dichlorodifluoromethane	1.229	1.325	-7.8	117	0.00
3	Chlorodifluoromethane	1.693	1.732	-2.3	118	0.00
4	Chloromethane	0.487	0.480	1.4	105	0.00
5 T	Vinyl Chloride	0.496	0.451	9.1	104	0.00
6 T	Bromomethane	0.241	0.227	5.8	105	0.00
7	Chloroethane	0.193	0.184	4.7	106	0.00
8 T	Dichlorotetrafluoroethane	1.024	1.035	-1.1	110	0.00
9 T	Propene	0.682	0.391	42.7#	60	0.00
10 T	Heptane	1.921	1.829	4.8	103	0.00
11 T	Trichlorofluoromethane	1.144	1.258	-10.0	118	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.898	0.943	-5.0	113	0.00
13	Ethanol	0.081	0.048#	40.7#	84	0.00
14 T	Bromoethene	0.338	0.351	-3.8	111	0.00
15 T	Acetone	1.205	1.066	11.5	115	0.00
16 T	1,3-Butadiene	0.571	0.539	5.6	110	0.00
17	tert-Butyl alcohol	1.255	1.120	10.8	91	0.00
18 T	1,1-Dichloroethene	0.416	0.408	1.9	109	0.00
19 T	Isopropyl Alcohol	0.720	0.635	11.8	97	0.00
20 T	Methylene Chloride	0.398	0.346	13.1	107	0.00
21 T	Allyl Chloride	0.850	0.792	6.8	101	0.00
22 T	trans-1,2-Dichloroethene	0.465	0.486	-4.5	114	0.00
23 T	Vinyl Acetate	1.628	2.024	-24.3	139	0.00
24 T	1,1-Dichloroethane	0.957	0.976	-2.0	109	0.00
25 T	Ethyl Acetate	3.296	3.285	0.3	108	0.00
26 T	Hexane	1.498	1.395	6.9	104	0.00
27 T	Carbon Disulfide	1.150	1.167	-1.5	110	0.00
28 T	Methyl tert-Butyl Ether	0.608	0.732	-20.4	134	0.00
29 T	Chloroform	1.948	2.155	-10.6	123	0.00
30 T	Cyclohexane	1.242	1.118	10.0	98	0.00
31 T	cis-1,2-Dichloroethene	1.370	1.340	2.2	106	0.00
32 T	1,1,1-Trichloroethane	1.990	2.075	-4.3	116	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.713	0.822	-15.3	108	0.00
35 T	Carbon Tetrachloride	0.660	0.824	-24.8	118	0.00
36 T	Benzene	0.985	1.083	-9.9	104	0.00
37 T	1,2-Dichloroethane	0.489	0.626	-28.0	120	0.00
38 T	Trichloroethene	0.419	0.436	-4.1	100	0.00
39 T	1,2-Dichloropropane	0.364	0.400	-9.9	105	0.00
40 T	1,4-Dioxane	0.163	0.168	-3.1	95	0.00
41 T	Tetrahydrofuran	0.417	0.447	-7.2	99	0.00
42 T	Bromodichloromethane	0.695	0.886	-27.5	116	0.00
43	Methyl Methacrylate	0.382	0.402	-5.2	94	0.00
44 T	2,2,4-Trimethylpentane	1.684	1.867	-10.9	106	0.00
45 T	t-1,3-Dichloropropene	0.437	0.458	-4.8	93	0.00
46 T	cis-1,3-Dichloropropene	0.548	0.587	-7.1	96	0.00
47 T	1,1,2-Trichloroethane	0.377	0.420	-11.4	105	0.00
48 T	Dibromochloromethane	0.603	0.689	-14.3	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.521	0.608	-16.7	103	0.00
50 T	4-Methyl-2-Pentanone	0.989	1.092	-10.4	98	0.00
51 T	2-Hexanone	0.784	0.888	-13.3	98	0.00
52 T	Tetrachloroethene	0.368	0.360	2.2	93	0.00
53 T	Toluene	1.138	1.177	-3.4	96	0.00
54 T	1,2-Dibromoethane	0.558	0.632	-13.3	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
56	1,1,1,2-Tetrachloroethane	0.503	0.618	-22.9	108	0.00
57 T	Chlorobenzene	0.971	1.090	-12.3	103	0.00
58 T	Ethyl Benzene	1.696	1.901	-12.1	100	0.00
59 T	m/p-Xylene	1.335	1.590	-19.1	107	0.00
60 T	o-Xylene	1.331	1.589	-19.4	109	0.00
61 T	Styrene	0.629	0.661	-5.1	92	0.00
62	Isopropylbenzene	1.967	2.309	-17.4	106	0.00
63 T	1,1,2,2-Tetrachloroethane	0.847	1.029	-21.5	116	0.00
64	n-propylbenzene	0.527	0.609	-15.6	106	0.00
65	tert-Butylbenzene	1.785	2.018	-13.1	105	0.00
66 T	Benzyl Chloride	0.230	0.224	2.6	76	0.00
67	sec-Butylbenzene	2.509	2.929	-16.7	109	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.836	-11.5	92	0.00
69	p-Isopropyltoluene	2.101	2.421	-15.2	106	0.00
70	n-Butylbenzene	2.074	2.497	-20.4	111	0.00
71	2-Chlorotoluene	1.500	1.761	-17.4	107	0.00
72 T	4-Ethyltoluene	1.660	1.968	-18.6	109	0.00
73 T	1,3,5-Trimethylbenzene	1.374	1.631	-18.7	108	0.00
74 T	1,2,4-Trimethylbenzene	1.524	1.808	-18.6	111	0.00
75 T	1,3-Dichlorobenzene	0.957	1.115	-16.5	109	0.00
76 T	1,4-Dichlorobenzene	0.955	1.120	-17.3	108	0.00
77 T	1,2-Dichlorobenzene	0.929	1.073	-15.5	110	0.00
78 T	Hexachloro-1,3-Butadiene	0.769	0.763	0.8	103	0.00
79 T	Naphthalene	1.437	1.710	-19.0	101	0.00
80 T	Naphthalene,2-methyl-	0.649	0.804	-23.9	92	0.00
81 T	1,2,4-Trichlorobenzene	0.802	0.880	-9.7	98	0.00

(#) = Out of Range

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