

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062725\
 Data File : VL042670.D
 Acq On : 27 Jun 2025 08:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 27 23:00:05 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	105	0.00
2 T	Dichlorodifluoromethane	1.229	1.324	-7.7	123	0.00
3	Chlorodifluoromethane	1.693	1.664	1.7	119	0.00
4	Chloromethane	0.487	0.511	-4.9	117	0.00
5 T	Vinyl Chloride	0.496	0.462	6.9	111	0.00
6 T	Bromomethane	0.241	0.248	-2.9	121	0.00
7	Chloroethane	0.193	0.189	2.1	114	0.00
8 T	Dichlorotetrafluoroethane	1.024	1.090	-6.4	121	0.00
9 T	Propene	0.682	0.645	5.4	104	0.00
10 T	Heptane	1.921	1.850	3.7	109	-0.01
11 T	Trichlorofluoromethane	1.144	1.405	-22.8	138	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.898	1.070	-19.2	134	0.00
13	Ethanol	0.081	0.057	29.6	103	0.00
14 T	Bromoethene	0.338	0.379	-12.1	126	0.00
15 T	Acetone	1.205	1.144	5.1	129	0.00
16 T	1,3-Butadiene	0.571	0.537	6.0	115	0.00
17	tert-Butyl alcohol	1.255	1.272	-1.4	108	0.00
18 T	1,1-Dichloroethene	0.416	0.460	-10.6	128	0.00
19 T	Isopropyl Alcohol	0.720	0.724	-0.6	116	0.00
20 T	Methylene Chloride	0.398	0.411	-3.3	132	0.00
21 T	Allyl Chloride	0.850	0.870	-2.4	116	0.00
22 T	trans-1,2-Dichloroethene	0.465	0.530	-14.0	130	0.00
23 T	Vinyl Acetate	1.628	2.007	-23.3	145	0.00
24 T	1,1-Dichloroethane	0.957	1.056	-10.3	123	0.00
25 T	Ethyl Acetate	3.296	3.325	-0.9	114	0.00
26 T	Hexane	1.498	1.422	5.1	111	0.00
27 T	Carbon Disulfide	1.150	1.312	-14.1	129	0.00
28 T	Methyl tert-Butyl Ether	0.608	0.732	-20.4	140	0.00
29 T	Chloroform	1.948	2.106	-8.1	126	0.00
30 T	Cyclohexane	1.242	1.129	9.1	104	0.00
31 T	cis-1,2-Dichloroethene	1.370	1.375	-0.4	114	0.00
32 T	1,1,1-Trichloroethane	1.990	2.034	-2.2	119	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.713	0.861	-20.8	117	0.00
35 T	Carbon Tetrachloride	0.660	0.815	-23.5	120	-0.01
36 T	Benzene	0.985	1.108	-12.5	109	0.00
37 T	1,2-Dichloroethane	0.489	0.639	-30.7#	127	0.00
38 T	Trichloroethene	0.419	0.441	-5.3	104	-0.01
39 T	1,2-Dichloropropane	0.364	0.415	-14.0	112	0.00
40 T	1,4-Dioxane	0.163	0.183	-12.3	107	-0.02
41 T	Tetrahydrofuran	0.417	0.466	-11.8	107	0.00
42 T	Bromodichloromethane	0.695	0.889	-27.9	120	-0.02
43	Methyl Methacrylate	0.382	0.411	-7.6	100	-0.01
44 T	2,2,4-Trimethylpentane	1.684	1.917	-13.8	112	-0.01
45 T	t-1,3-Dichloropropene	0.437	0.473	-8.2	99	-0.02
46 T	cis-1,3-Dichloropropene	0.548	0.592	-8.0	100	-0.02
47 T	1,1,2-Trichloroethane	0.377	0.437	-15.9	113	-0.02
48 T	Dibromochloromethane	0.603	0.706	-17.1	110	-0.02

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49 T	Bromoform	0.521	0.620	-19.0	109	0.00
50 T	4-Methyl-2-Pentanone	0.989	1.132	-14.5	105	-0.02
51 T	2-Hexanone	0.784	0.895	-14.2	102	-0.02
52 T	Tetrachloroethene	0.368	0.373	-1.4	100	-0.01
53 T	Toluene	1.138	1.207	-6.1	102	-0.02
54 T	1,2-Dibromoethane	0.558	0.651	-16.7	112	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.01
56	1,1,1,2-Tetrachloroethane	0.503	0.615	-22.3	112	0.00
57 T	Chlorobenzene	0.971	1.092	-12.5	107	0.00
58 T	Ethyl Benzene	1.696	1.933	-14.0	106	0.00
59 T	m/p-Xylene	1.335	1.589	-19.0	111	0.00
60 T	o-Xylene	1.331	1.572	-18.1	112	0.00
61 T	Styrene	0.629	0.654	-4.0	94	0.00
62	Isopropylbenzene	1.967	2.270	-15.4	109	0.00
63 T	1,1,2,2-Tetrachloroethane	0.847	1.026	-21.1	121	0.00
64	n-propylbenzene	0.527	0.592	-12.3	107	0.00
65	tert-Butylbenzene	1.785	1.988	-11.4	107	0.00
66 T	Benzyl Chloride	0.230	0.216	6.1	76	0.00
67	sec-Butylbenzene	2.509	2.895	-15.4	112	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.792	-5.6	90	0.00
69	p-Isopropyltoluene	2.101	2.390	-13.8	109	0.00
70	n-Butylbenzene	2.074	2.454	-18.3	113	0.00
71	2-Chlorotoluene	1.500	1.749	-16.6	110	0.00
72 T	4-Ethyltoluene	1.660	1.937	-16.7	111	0.00
73 T	1,3,5-Trimethylbenzene	1.374	1.605	-16.8	110	0.00
74 T	1,2,4-Trimethylbenzene	1.524	1.785	-17.1	114	0.00
75 T	1,3-Dichlorobenzene	0.957	1.102	-15.2	112	0.00
76 T	1,4-Dichlorobenzene	0.955	1.101	-15.3	110	0.00
77 T	1,2-Dichlorobenzene	0.929	1.082	-16.5	115	0.00
78 T	Hexachloro-1,3-Butadiene	0.769	0.748	2.7	105	0.00
79 T	Naphthalene	1.437	1.672	-16.4	103	0.00
80 T	Naphthalene,2-methyl-	0.649	0.754	-16.2	89	0.00
81 T	1,2,4-Trichlorobenzene	0.802	0.851	-6.1	98	0.00

(#) = Out of Range

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