

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042095.D
 Acq On : 05 Mar 2025 08:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 06 01:02:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 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	1.040	1.199	-15.3	131	0.00
3	Chlorodifluoromethane	1.453	1.490	-2.5	117	0.00
4	Chloromethane	0.385	0.417	-8.3	125	0.00
5 T	Vinyl Chloride	0.364	0.422	-15.9	129	0.00
6 T	Bromomethane	0.173	0.200	-15.6	128	0.00
7	Chloroethane	0.148	0.164	-10.8	125	0.00
8 T	Dichlorotetrafluoroethane	0.855	0.976	-14.2	129	0.00
9 T	Propene	0.592	0.610	-3.0	120	0.00
10 T	Heptane	1.844	1.777	3.6	110	0.00
11 T	Trichlorofluoromethane	1.042	1.249	-19.9	136	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.831	0.958	-15.3	141	0.00
13	Ethanol	0.038	0.024#	36.8#	125	0.00
14 T	Bromoethene	0.293	0.336	-14.7	131	0.00
15 T	Acetone	0.883	0.936	-6.0	135	0.00
16 T	1,3-Butadiene	0.411	0.452	-10.0	130	0.00
17	tert-Butyl alcohol	1.105	1.069	3.3	116	0.00
18 T	1,1-Dichloroethene	0.376	0.402	-6.9	129	0.00
19 T	Isopropyl Alcohol	0.507	0.546	-7.7	134	0.00
20 T	Methylene Chloride	0.334	0.341	-2.1	134	0.00
21 T	Allyl Chloride	0.638	0.678	-6.3	130	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.484	-10.5	139	0.00
23 T	Vinyl Acetate	0.621	0.555	10.6	110	0.00
24 T	1,1-Dichloroethane	0.815	0.925	-13.5	142	0.00
25 T	Ethyl Acetate	3.535	3.650	-3.3	118	0.00
26 T	Hexane	1.429	1.405	1.7	113	0.00
27 T	Carbon Disulfide	0.969	1.127	-16.3	135	0.00
28 T	Methyl tert-Butyl Ether	0.711	0.752	-5.8	148	0.00
29 T	Chloroform	1.923	1.912	0.6	114	0.00
30 T	Cyclohexane	1.160	1.097	5.4	105	0.00
31 T	cis-1,2-Dichloroethene	1.353	1.318	2.6	110	0.00
32 T	1,1,1-Trichloroethane	1.866	1.769	5.2	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.779	0.885	-13.6	118	0.00
35 T	Carbon Tetrachloride	0.690	0.776	-12.5	109	0.00
36 T	Benzene	1.047	1.135	-8.4	108	0.00
37 T	1,2-Dichloroethane	0.580	0.635	-9.5	113	0.00
38 T	Trichloroethene	0.427	0.436	-2.1	106	0.00
39 T	1,2-Dichloropropane	0.397	0.426	-7.3	110	0.00
40 T	1,4-Dioxane	0.181	0.196	-8.3	110	0.00
41 T	Tetrahydrofuran	0.460	0.495	-7.6	109	0.00
42 T	Bromodichloromethane	0.782	0.855	-9.3	107	0.00
43	Methyl Methacrylate	0.409	0.422	-3.2	100	0.00
44 T	2,2,4-Trimethylpentane	1.848	2.013	-8.9	111	0.00
45 T	t-1,3-Dichloropropene	0.406	0.394	3.0	93	0.00
46 T	cis-1,3-Dichloropropene	0.526	0.544	-3.4	97	0.00
47 T	1,1,2-Trichloroethane	0.403	0.425	-5.5	109	0.00
48 T	Dibromochloromethane	0.632	0.682	-7.9	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.549	0.593	-8.0	104	0.00
50 T	4-Methyl-2-Pentanone	1.008	1.204	-19.4	110	0.00
51 T	2-Hexanone	0.693	0.963	-39.0#	107	0.00
52 T	Tetrachloroethene	0.358	0.368	-2.8	104	0.00
53 T	Toluene	1.170	1.213	-3.7	103	0.00
54 T	1,2-Dibromoethane	0.545	0.566	-3.9	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.565	0.634	-12.2	110	0.00
57 T	Chlorobenzene	1.037	1.160	-11.9	111	0.00
58 T	Ethyl Benzene	1.842	1.983	-7.7	102	0.00
59 T	m/p-Xylene	1.466	1.633	-11.4	107	0.01
60 T	o-Xylene	1.473	1.642	-11.5	109	0.00
61 T	Styrene	0.693	0.752	-8.5	100	0.00
62	Isopropylbenzene	2.207	2.438	-10.5	108	0.00
63 T	1,1,2,2-Tetrachloroethane	0.970	1.109	-14.3	114	0.00
64	n-propylbenzene	0.579	0.652	-12.6	109	0.00
65	tert-Butylbenzene	2.008	2.160	-7.6	109	0.00
66 T	Benzyl Chloride	0.153	0.128	16.3	73	0.00
67	sec-Butylbenzene	2.872	3.115	-8.5	110	0.00
68 S	1-Bromo-4-Fluorobenzene	0.769	0.780	-1.4	89	0.00
69	p-Isopropyltoluene	2.285	2.568	-12.4	111	0.00
70	n-Butylbenzene	2.332	2.657	-13.9	112	0.00
71	2-Chlorotoluene	1.701	1.837	-8.0	106	0.00
72 T	4-Ethyltoluene	1.799	1.972	-9.6	106	0.00
73 T	1,3,5-Trimethylbenzene	1.560	1.679	-7.6	106	0.00
74 T	1,2,4-Trimethylbenzene	1.757	1.877	-6.8	111	0.00
75 T	1,3-Dichlorobenzene	1.011	1.094	-8.2	110	0.00
76 T	1,4-Dichlorobenzene	1.004	1.104	-10.0	112	0.00
77 T	1,2-Dichlorobenzene	0.981	1.097	-11.8	115	0.00
78 T	Hexachloro-1,3-Butadiene	0.764	0.773	-1.2	106	0.00
79 T	Naphthalene	1.205	1.692	-40.4#	108	0.00
80 T	Naphthalene,2-methyl-	0.330	0.598	-81.2#	93	0.00
81 T	1,2,4-Trichlorobenzene	0.671	0.762	-13.6	103	0.00

(#) = Out of Range

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