

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042039.D
 Acq On : 21 Feb 2025 14:07
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 21 21:53:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 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	109	-0.01
2 T	Dichlorodifluoromethane	1.721	1.573	8.6	105	0.00
3	Chlorodifluoromethane	1.903	2.208	-16.0	139	0.00
4	Chloromethane	0.669	0.610	8.8	105	0.00
5 T	Vinyl Chloride	0.800	0.577	27.9	100	0.00
6 T	Bromomethane	0.310	0.265	14.5	101	0.00
7	Chloroethane	0.261	0.239	8.4	105	0.00
8 T	Dichlorotetrafluoroethane	1.514	1.320	12.8	101	0.00
9 T	Propene	0.820	0.860	-4.9	124	0.00
10 T	Heptane	2.278	2.616	-14.8	138	-0.02
11 T	Trichlorofluoromethane	1.732	1.569	9.4	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.351	1.209	10.5	101	0.00
13	Ethanol	0.093	0.046#	50.5#	138	0.00
14 T	Bromoethene	0.505	0.437	13.5	100	0.00
15 T	Acetone	1.651	1.317	20.2	108	0.00
16 T	1,3-Butadiene	0.783	0.646	17.5	104	0.00
17	tert-Butyl alcohol	2.042	1.649	19.2	97	0.00
18 T	1,1-Dichloroethene	0.646	0.519	19.7	97	0.00
19 T	Isopropyl Alcohol	0.926	0.737	20.4	98	0.00
20 T	Methylene Chloride	0.621	0.480	22.7	107	0.00
21 T	Allyl Chloride	1.195	0.969	18.9	101	0.00
22 T	trans-1,2-Dichloroethene	0.701	0.622	11.3	106	0.00
23 T	Vinyl Acetate	0.894	1.321	-47.8#	182#	0.00
24 T	1,1-Dichloroethane	1.422	1.265	11.0	108	0.00
25 T	Ethyl Acetate	4.530	5.296	-16.9	140	0.00
26 T	Hexane	1.818	2.210	-21.6	147	0.00
27 T	Carbon Disulfide	1.710	1.582	7.5	106	0.00
28 T	Methyl tert-Butyl Ether	1.111	1.058	4.8	113	-0.01
29 T	Chloroform	2.633	2.861	-8.7	129	0.00
30 T	Cyclohexane	1.475	1.730	-17.3	216#	-0.02
31 T	cis-1,2-Dichloroethene	1.797	2.065	-14.9	135	0.00
32 T	1,1,1-Trichloroethane	2.920	2.895	0.9	124	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.02
34 T	2-Butanone	0.860	1.202	-39.8#	141	0.00
35 T	Carbon Tetrachloride	0.971	1.097	-13.0	119	-0.02
36 T	Benzene	1.211	1.615	-33.4#	131	-0.02
37 T	1,2-Dichloroethane	0.690	0.929	-34.6#	137	-0.01
38 T	Trichloroethene	0.492	0.569	-15.7	116	-0.02
39 T	1,2-Dichloropropane	0.444	0.600	-35.1#	136	-0.02
40 T	1,4-Dioxane	0.231	0.272	-17.7	124	-0.02
41 T	Tetrahydrofuran	0.492	0.709	-44.1#	140	0.00
42 T	Bromodichloromethane	0.934	1.248	-33.6#	127	-0.02
43	Methyl Methacrylate	0.552	0.666	-20.7	128	-0.02
44 T	2,2,4-Trimethylpentane	2.056	2.816	-37.0#	133	-0.02
45 T	t-1,3-Dichloropropene	0.521	0.690	-32.4#	130	-0.02
46 T	cis-1,3-Dichloropropene	0.661	0.883	-33.6#	130	-0.03
47 T	1,1,2-Trichloroethane	0.467	0.597	-27.8	128	-0.02
48 T	Dibromochloromethane	0.783	0.952	-21.6	116	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.642	0.761	-18.5	111	-0.01
50 T	4-Methyl-2-Pentanone	1.322	1.707	-29.1	132	-0.03
51 T	2-Hexanone	1.081	1.393	-28.9	132	-0.02
52 T	Tetrachloroethene	0.423	0.481	-13.7	118	-0.02
53 T	Toluene	1.443	1.832	-27.0	125	-0.02
54 T	1,2-Dibromoethane	0.644	0.812	-26.1	124	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	-0.01
56	1,1,1,2-Tetrachloroethane	0.716	0.817	-14.1	118	-0.02
57 T	Chlorobenzene	1.176	1.456	-23.8	121	-0.02
58 T	Ethyl Benzene	2.189	2.850	-30.2#	124	-0.01
59 T	m/p-Xylene	1.724	2.246	-30.3#	126	0.00
60 T	o-Xylene	1.743	2.193	-25.8	125	-0.01
61 T	Styrene	0.831	1.075	-29.4	124	-0.01
62	Isopropylbenzene	2.617	3.252	-24.3	121	-0.01
63 T	1,1,2,2-Tetrachloroethane	1.125	1.415	-25.8	134	-0.01
64	n-propylbenzene	0.643	0.799	-24.3	124	-0.01
65	tert-Butylbenzene	2.282	2.751	-20.6	120	0.00
66 T	Benzyl Chloride	0.229	0.272	-18.8	112	0.00
67	sec-Butylbenzene	3.205	4.028	-25.7	125	0.00
68 S	1-Bromo-4-Fluorobenzene	0.825	0.861	-4.4	92	-0.01
69	p-Isopropyltoluene	2.624	3.196	-21.8	122	-0.01
70	n-Butylbenzene	2.584	3.453	-33.6#	133	0.00
71	2-Chlorotoluene	1.971	2.556	-29.7	127	0.00
72 T	4-Ethyltoluene	2.043	2.643	-29.4	127	0.00
73 T	1,3,5-Trimethylbenzene	1.762	2.244	-27.4	125	-0.01
74 T	1,2,4-Trimethylbenzene	1.891	2.376	-25.6	126	-0.01
75 T	1,3-Dichlorobenzene	1.018	1.287	-26.4	124	-0.01
76 T	1,4-Dichlorobenzene	0.993	1.281	-29.0	127	0.00
77 T	1,2-Dichlorobenzene	0.973	1.250	-28.5	128	0.00
78 T	Hexachloro-1,3-Butadiene	0.805	0.830	-3.1	112	0.00
79 T	Naphthalene	1.860	2.158	-16.0	141	0.00
80 T	Naphthalene,2-methyl-	0.842	0.965	-14.6	186#	0.00
81 T	1,2,4-Trichlorobenzene	0.756	0.899	-18.9	127	-0.01

(#) = Out of Range

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