

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042286.D
 Acq On : 09 Apr 2025 10:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 10 01:39:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 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	83	0.00
2 T	Dichlorodifluoromethane	1.476	1.444	2.2	86	0.00
3	Chlorodifluoromethane	1.508	1.557	-3.2	89	0.00
4	Chloromethane	0.603	0.607	-0.7	88	0.00
5 T	Vinyl Chloride	0.639	0.560	12.4	85	0.00
6 T	Bromomethane	0.273	0.250	8.4	81	0.00
7	Chloroethane	0.242	0.225	7.0	82	0.00
8 T	Dichlorotetrafluoroethane	1.257	1.243	1.1	85	0.00
9 T	Propene	0.691	0.593	14.2	75	0.00
10 T	Heptane	1.839	1.800	2.1	84	0.00
11 T	Trichlorofluoromethane	1.437	1.405	2.2	87	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.181	1.149	2.7	85	0.00
13	Ethanol	0.065	0.030#	53.8#	86	0.00
14 T	Bromoethene	0.452	0.393	13.1	78	0.00
15 T	Acetone	1.399	1.260	9.9	94	0.00
16 T	1,3-Butadiene	0.683	0.610	10.7	89	0.00
17	tert-Butyl alcohol	1.742	1.415	18.8	73	0.00
18 T	1,1-Dichloroethene	0.552	0.499	9.6	82	0.00
19 T	Isopropyl Alcohol	0.789	0.664	15.8	79	0.00
20 T	Methylene Chloride	0.521	0.441	15.4	84	0.00
21 T	Allyl Chloride	0.986	0.899	8.8	83	0.00
22 T	trans-1,2-Dichloroethene	0.638	0.568	11.0	80	0.00
23 T	Vinyl Acetate	0.605	0.470	22.3	79	0.00
24 T	1,1-Dichloroethane	1.183	1.159	2.0	86	0.00
25 T	Ethyl Acetate	3.630	3.644	-0.4	88	0.00
26 T	Hexane	1.402	1.381	1.5	86	0.00
27 T	Carbon Disulfide	1.503	1.391	7.5	81	0.00
28 T	Methyl tert-Butyl Ether	0.873	0.705	19.2	71	0.00
29 T	Chloroform	2.052	2.190	-6.7	94	0.00
30 T	Cyclohexane	1.217	1.095	10.0	78	0.00
31 T	cis-1,2-Dichloroethene	1.423	1.297	8.9	79	0.00
32 T	1,1,1-Trichloroethane	2.349	2.135	9.1	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
34 T	2-Butanone	0.725	0.789	-8.8	86	0.00
35 T	Carbon Tetrachloride	0.781	0.879	-12.5	91	0.00
36 T	Benzene	0.991	1.071	-8.1	84	0.00
37 T	1,2-Dichloroethane	0.568	0.647	-13.9	88	0.00
38 T	Trichloroethene	0.414	0.429	-3.6	83	0.00
39 T	1,2-Dichloropropane	0.361	0.387	-7.2	84	0.00
40 T	1,4-Dioxane	0.192	0.183	4.7	79	0.00
41 T	Tetrahydrofuran	0.418	0.441	-5.5	81	0.00
42 T	Bromodichloromethane	0.782	0.904	-15.6	86	0.00
43	Methyl Methacrylate	0.420	0.390	7.1	71	0.00
44 T	2,2,4-Trimethylpentane	1.675	1.869	-11.6	85	0.00
45 T	t-1,3-Dichloropropene	0.450	0.371	17.6	62	0.00
46 T	cis-1,3-Dichloropropene	0.552	0.493	10.7	65	0.00
47 T	1,1,2-Trichloroethane	0.382	0.434	-13.6	87	0.00
48 T	Dibromochloromethane	0.647	0.705	-9.0	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.581	0.630	-8.4	79	0.00
50 T	4-Methyl-2-Pentanone	1.149	1.122	2.3	80	0.00
51 T	2-Hexanone	0.944	0.891	5.6	77	0.00
52 T	Tetrachloroethene	0.393	0.357	9.2	76	0.00
53 T	Toluene	1.175	1.171	0.3	76	0.00
54 T	1,2-Dibromoethane	0.532	0.578	-8.6	83	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
56	1,1,1,2-Tetrachloroethane	0.550	0.660	-20.0	87	0.00
57 T	Chlorobenzene	0.949	1.140	-20.1	88	0.00
58 T	Ethyl Benzene	1.776	1.924	-8.3	78	0.00
59 T	m/p-Xylene	1.418	1.658	-16.9	85	0.00
60 T	o-Xylene	1.422	1.659	-16.7	84	0.00
61 T	Styrene	0.703	0.718	-2.1	71	0.00
62	Isopropylbenzene	2.126	2.453	-15.4	84	0.00
63 T	1,1,2,2-Tetrachloroethane	0.864	1.091	-26.3	92	0.00
64	n-propylbenzene	0.547	0.653	-19.4	88	0.00
65	tert-Butylbenzene	1.966	2.240	-13.9	87	0.00
66 T	Benzyl Chloride	0.209	0.166	20.6	55	0.00
67	sec-Butylbenzene	2.733	3.222	-17.9	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.821	0.815	0.7	68	0.00
69	p-Isopropyltoluene	2.354	2.746	-16.7	89	0.00
70	n-Butylbenzene	2.407	2.852	-18.5	90	0.00
71	2-Chlorotoluene	1.650	1.869	-13.3	82	0.00
72 T	4-Ethyltoluene	1.770	2.081	-17.6	86	0.00
73 T	1,3,5-Trimethylbenzene	1.546	1.772	-14.6	86	0.00
74 T	1,2,4-Trimethylbenzene	1.781	2.025	-13.7	90	0.00
75 T	1,3-Dichlorobenzene	0.977	1.218	-24.7	93	0.00
76 T	1,4-Dichlorobenzene	0.972	1.210	-24.5	92	0.00
77 T	1,2-Dichlorobenzene	0.951	1.197	-25.9	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.968	0.955	1.3	80	0.00
79 T	Naphthalene	1.948	2.309	-18.5	86	0.00
80 T	Naphthalene,2-methyl-	0.955	1.066	-11.6	73	0.00
81 T	1,2,4-Trichlorobenzene	0.899	1.016	-13.0	80	0.00

(#) = Out of Range

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