

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040227.D
 Acq On : 24 Feb 2023 9:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 24 10:38:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Feb 24 00:45:34 2023
 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	75	-0.02
2 T	Dichlorodifluoromethane	1.864	1.891	-1.4	98	-0.01
3	Chlorodifluoromethane	1.195	1.302	-9.0	90	-0.01
4	Chloromethane	0.750	0.815	-8.7	90	-0.01
5 T	Vinyl Chloride	0.603	0.703	-16.6	90	-0.02
6 T	Bromomethane	0.218	0.235	-7.8	87	-0.02
7	Chloroethane	0.239	0.265	-10.9	93	-0.01
8 T	Dichlorotetrafluoroethane	1.606	1.818	-13.2	93	-0.01
9 T	Propene	0.487	0.530	-8.8	88	-0.01
10 T	Heptane	1.159	1.365	-17.8	89	-0.02
11 T	Trichlorofluoromethane	1.672	1.856	-11.0	93	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.234	1.408	-14.1	94	-0.02
13	Ethanol	0.045	0.033#	26.7	80	-0.01
14 T	Bromoethene	0.473	0.557	-17.8	91	-0.02
15 T	Acetone	1.204	1.263	-4.9	93	-0.01
16 T	1,3-Butadiene	0.550	0.629	-14.4	88	-0.02
17	tert-Butyl alcohol	1.098	1.258	-14.6	87	-0.01
18 T	1,1-Dichloroethene	0.536	0.638	-19.0	97	-0.02
19 T	Isopropyl Alcohol	0.572	0.576	-0.7	84	-0.02
20 T	Methylene Chloride	0.627	0.535	14.7	94	-0.02
21 T	Allyl Chloride	0.738	0.874	-18.4	89	-0.01
22 T	trans-1,2-Dichloroethene	0.555	0.658	-18.6	94	-0.02
23 T	Vinyl Acetate	0.365	0.422	-15.6	87	-0.02
24 T	1,1-Dichloroethane	1.142	1.298	-13.7	91	-0.01
25 T	Ethyl Acetate	2.238	2.395	-7.0	85	-0.02
26 T	Hexane	0.961	1.021	-6.2	87	-0.02
27 T	Carbon Disulfide	1.219	1.559	-27.9	92	-0.02
28 T	Methyl tert-Butyl Ether	1.029	1.146	-11.4	89	-0.02
29 T	Chloroform	1.650	1.790	-8.5	89	-0.02
30 T	Cyclohexane	0.754	0.875	-16.0	87	-0.02
31 T	cis-1,2-Dichloroethene	0.913	0.976	-6.9	89	-0.02
32 T	1,1,1-Trichloroethane	1.550	1.814	-17.0	90	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	-0.02
34 T	2-Butanone	0.493	0.533	-8.1	88	-0.02
35 T	Carbon Tetrachloride	0.591	0.731	-23.7	91	-0.02
36 T	Benzene	0.778	0.840	-8.0	85	-0.02
37 T	1,2-Dichloroethane	0.487	0.535	-9.9	89	-0.02
38 T	Trichloroethene	0.429	0.503	-17.2	86	-0.02
39 T	1,2-Dichloropropane	0.303	0.325	-7.3	87	-0.02
40 T	1,4-Dioxane	0.121	0.119	1.7	79	-0.02
41 T	Tetrahydrofuran	0.286	0.319	-11.5	85	-0.02
42 T	Bromodichloromethane	0.672	0.773	-15.0	90	-0.02
43	Methyl Methacrylate	0.288	0.339	-17.7	87	-0.02
44 T	2,2,4-Trimethylpentane	1.299	1.435	-10.5	89	-0.02
45 T	t-1,3-Dichloropropene	0.255	0.320	-25.5	84	-0.02
46 T	cis-1,3-Dichloropropene	0.356	0.439	-23.3	86	-0.02
47 T	1,1,2-Trichloroethane	0.327	0.358	-9.5	88	-0.02
48 T	Dibromochloromethane	0.524	0.621	-18.5	87	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.409	0.484	-18.3	85	-0.02
50 T	4-Methyl-2-Pentanone	0.766	0.895	-16.8	90	-0.02
51 T	2-Hexanone	0.589	0.692	-17.5	88	-0.02
52 T	Tetrachloroethene	0.243	0.282	-16.0	84	-0.02
53 T	Toluene	0.834	0.964	-15.6	86	-0.02
54 T	1,2-Dibromoethane	0.341	0.397	-16.4	85	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	75	-0.02
56	1,1,1,2-Tetrachloroethane	0.420	0.475	-13.1	89	-0.02
57 T	Chlorobenzene	0.731	0.795	-8.8	86	-0.02
58 T	Ethyl Benzene	1.215	1.419	-16.8	87	-0.02
59 T	m/p-Xylene	1.076	1.234	-14.7	88	-0.02
60 T	o-Xylene	1.035	1.202	-16.1	89	-0.02
61 T	Styrene	0.544	0.664	-22.1	85	-0.02
62	Isopropylbenzene	1.486	1.684	-13.3	89	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.373	0.398	-6.7	90	-0.02
64	n-propylbenzene	0.368	0.418	-13.6	86	-0.03
65	tert-Butylbenzene	1.292	1.459	-12.9	88	-0.02
66 T	Benzyl Chloride	0.086	0.092	-7.0	80	-0.02
67	sec-Butylbenzene	1.853	2.083	-12.4	89	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.822	0.909	-10.6	81	-0.02
69	p-Isopropyltoluene	1.469	1.644	-11.9	87	-0.02
70	n-Butylbenzene	1.594	1.796	-12.7	89	-0.02
71	2-Chlorotoluene	1.137	1.280	-12.6	87	-0.02
72 T	4-Ethyltoluene	1.145	1.344	-17.4	88	-0.02
73 T	1,3,5-Trimethylbenzene	1.065	1.197	-12.4	88	-0.02
74 T	1,2,4-Trimethylbenzene	1.170	1.296	-10.8	88	-0.02
75 T	1,3-Dichlorobenzene	0.640	0.689	-7.7	85	-0.02
76 T	1,4-Dichlorobenzene	0.627	0.674	-7.5	84	-0.02
77 T	1,2-Dichlorobenzene	0.636	0.661	-3.9	85	-0.02
78 T	Hexachloro-1,3-Butadiene	0.437	0.447	-2.3	90	-0.02
79 T	Naphthalene	0.657	0.894	-36.1#	87	-0.02
80 T	Naphthalene,2-methyl-	0.187	0.195	-4.3	64	-0.02
81 T	1,2,4-Trichlorobenzene	0.411	0.483	-17.5	89	-0.02

(#) = Out of Range

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