

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040453.D
 Acq On : 17 May 2023 1:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 17 05:19:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 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	95	0.00
2 T	Dichlorodifluoromethane	1.964	2.051	-4.4	105	0.00
3	Chlorodifluoromethane	1.292	1.245	3.6	101	0.00
4	Chloromethane	0.802	0.794	1.0	102	0.00
5 T	Vinyl Chloride	0.712	0.673	5.5	104	0.00
6 T	Bromomethane	0.216	0.213	1.4	99	0.00
7	Chloroethane	0.252	0.258	-2.4	103	0.00
8 T	Dichlorotetrafluoroethane	1.765	1.679	4.9	98	0.00
9 T	Propene	0.502	0.513	-2.2	104	0.00
10 T	Heptane	1.161	1.258	-8.4	101	0.00
11 T	Trichlorofluoromethane	1.774	1.705	3.9	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.301	1.230	5.5	98	0.00
13	Ethanol	0.038	0.036#	5.3	102	0.00
14 T	Bromoethene	0.519	0.526	-1.3	103	0.00
15 T	Acetone	1.265	1.188	6.1	101	0.00
16 T	1,3-Butadiene	0.581	0.593	-2.1	101	0.00
17	tert-Butyl alcohol	1.267	1.231	2.8	93	0.00
18 T	1,1-Dichloroethene	0.573	0.562	1.9	99	0.00
19 T	Isopropyl Alcohol	0.616	0.588	4.5	92	0.00
20 T	Methylene Chloride	0.564	0.472	16.3	101	0.00
21 T	Allyl Chloride	0.809	0.813	-0.5	99	0.00
22 T	trans-1,2-Dichloroethene	0.573	0.573	0.0	97	0.00
23 T	Vinyl Acetate	0.350	0.355	-1.4	97	0.00
24 T	1,1-Dichloroethane	1.196	1.172	2.0	101	0.00
25 T	Ethyl Acetate	2.382	2.382	0.0	103	0.00
26 T	Hexane	0.988	0.994	-0.6	101	0.00
27 T	Carbon Disulfide	1.298	1.381	-6.4	98	0.00
28 T	Methyl tert-Butyl Ether	1.049	1.051	-0.2	101	0.00
29 T	Chloroform	1.801	1.734	3.7	100	0.00
30 T	Cyclohexane	0.803	0.846	-5.4	102	0.00
31 T	cis-1,2-Dichloroethene	0.978	1.054	-7.8	101	0.00
32 T	1,1,1-Trichloroethane	1.871	1.758	6.0	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.532	0.550	-3.4	106	0.00
35 T	Carbon Tetrachloride	0.718	0.703	2.1	100	0.00
36 T	Benzene	0.812	0.841	-3.6	102	0.00
37 T	1,2-Dichloroethane	0.531	0.536	-0.9	100	0.00
38 T	Trichloroethene	0.500	0.510	-2.0	100	0.00
39 T	1,2-Dichloropropane	0.318	0.321	-0.9	101	0.00
40 T	1,4-Dioxane	0.121	0.125	-3.3	107	0.00
41 T	Tetrahydrofuran	0.295	0.320	-8.5	103	0.00
42 T	Bromodichloromethane	0.718	0.753	-4.9	100	0.00
43	Methyl Methacrylate	0.300	0.336	-12.0	100	0.00
44 T	2,2,4-Trimethylpentane	1.344	1.387	-3.2	101	0.00
45 T	t-1,3-Dichloropropene	0.263	0.326	-24.0	100	0.00
46 T	cis-1,3-Dichloropropene	0.372	0.437	-17.5	99	0.00
47 T	1,1,2-Trichloroethane	0.347	0.358	-3.2	101	0.00
48 T	Dibromochloromethane	0.555	0.606	-9.2	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.438	0.485	-10.7	98	0.00
50 T	4-Methyl-2-Pentanone	0.822	0.872	-6.1	101	0.00
51 T	2-Hexanone	0.606	0.675	-11.4	100	0.00
52 T	Tetrachloroethene	0.276	0.284	-2.9	100	0.00
53 T	Toluene	0.858	0.960	-11.9	101	0.00
54 T	1,2-Dibromoethane	0.347	0.386	-11.2	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.463	0.446	3.7	99	0.00
57 T	Chlorobenzene	0.805	0.762	5.3	98	0.00
58 T	Ethyl Benzene	1.266	1.349	-6.6	100	0.00
59 T	m/p-Xylene	1.154	1.175	-1.8	100	0.00
60 T	o-Xylene	1.099	1.129	-2.7	99	0.00
61 T	Styrene	0.556	0.653	-17.4	100	0.00
62	Isopropylbenzene	1.606	1.582	1.5	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.396	0.343	13.4	100	0.00
64	n-propylbenzene	0.396	0.406	-2.5	100	0.00
65	tert-Butylbenzene	1.408	1.382	1.8	98	0.00
66 T	Benzyl Chloride	0.084	0.086	-2.4	97	0.00
67	sec-Butylbenzene	2.028	1.974	2.7	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.804	0.780	3.0	94	0.00
69	p-Isopropyltoluene	1.593	1.583	0.6	98	0.00
70	n-Butylbenzene	1.775	1.731	2.5	98	0.00
71	2-Chlorotoluene	1.222	1.232	-0.8	99	0.00
72 T	4-Ethyltoluene	1.246	1.305	-4.7	100	0.00
73 T	1,3,5-Trimethylbenzene	1.144	1.152	-0.7	98	0.00
74 T	1,2,4-Trimethylbenzene	1.316	1.262	4.1	99	0.00
75 T	1,3-Dichlorobenzene	0.724	0.697	3.7	99	0.00
76 T	1,4-Dichlorobenzene	0.700	0.681	2.7	98	0.00
77 T	1,2-Dichlorobenzene	0.701	0.670	4.4	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.525	0.462	12.0	100	0.00
79 T	Naphthalene	0.795	0.955	-20.1	98	0.00
80 T	Naphthalene,2-methyl-	0.228	0.301	-32.0#	102	0.00
81 T	1,2,4-Trichlorobenzene	0.492	0.503	-2.2	98	0.00

(#) = Out of Range

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