

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040333.D
 Acq On : 11 Apr 2023 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 11 14:50:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 11 04:15:53 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	87	-0.02
2 T	Dichlorodifluoromethane	1.962	1.536	21.7	103	-0.02
3	Chlorodifluoromethane	1.257	1.192	5.2	93	-0.02
4	Chloromethane	0.776	0.766	1.3	94	-0.02
5 T	Vinyl Chloride	0.629	0.654	-4.0	94	-0.02
6 T	Bromomethane	0.218	0.225	-3.2	96	-0.02
7	Chloroethane	0.241	0.234	2.9	89	-0.02
8 T	Dichlorotetrafluoroethane	1.679	1.679	0.0	96	-0.02
9 T	Propene	0.482	0.468	2.9	96	-0.02
10 T	Heptane	1.159	1.238	-6.8	93	-0.02
11 T	Trichlorofluoromethane	1.778	1.773	0.3	93	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.335	1.306	2.2	91	-0.02
13	Ethanol	0.035	0.029#	17.1	84	-0.01
14 T	Bromoethene	0.498	0.519	-4.2	92	-0.02
15 T	Acetone	1.217	1.191	2.1	96	-0.02
16 T	1,3-Butadiene	0.553	0.591	-6.9	95	-0.02
17	tert-Butyl alcohol	1.157	1.256	-8.6	92	-0.02
18 T	1,1-Dichloroethene	0.573	0.578	-0.9	92	-0.02
19 T	Isopropyl Alcohol	0.583	0.587	-0.7	93	-0.01
20 T	Methylene Chloride	0.512	0.457	10.7	88	-0.02
21 T	Allyl Chloride	0.789	0.791	-0.3	89	-0.02
22 T	trans-1,2-Dichloroethene	0.583	0.586	-0.5	89	-0.02
23 T	Vinyl Acetate	0.339	0.367	-8.3	95	-0.02
24 T	1,1-Dichloroethane	1.208	1.199	0.7	92	-0.02
25 T	Ethyl Acetate	2.279	2.294	-0.7	97	-0.02
26 T	Hexane	0.936	0.937	-0.1	95	-0.02
27 T	Carbon Disulfide	1.307	1.445	-10.6	92	-0.02
28 T	Methyl tert-Butyl Ether	1.074	1.039	3.3	89	-0.02
29 T	Chloroform	1.652	1.704	-3.1	107	-0.02
30 T	Cyclohexane	0.737	0.795	-7.9	91	-0.02
31 T	cis-1,2-Dichloroethene	0.911	0.977	-7.2	98	-0.02
32 T	1,1,1-Trichloroethane	1.583	1.693	-6.9	93	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.02
34 T	2-Butanone	0.494	0.520	-5.3	91	-0.02
35 T	Carbon Tetrachloride	0.628	0.718	-14.3	92	-0.02
36 T	Benzene	0.762	0.817	-7.2	92	-0.02
37 T	1,2-Dichloroethane	0.496	0.536	-8.1	94	-0.02
38 T	Trichloroethene	0.416	0.508	-22.1	92	-0.02
39 T	1,2-Dichloropropane	0.299	0.316	-5.7	91	-0.02
40 T	1,4-Dioxane	0.118	0.121	-2.5	83	-0.02
41 T	Tetrahydrofuran	0.285	0.308	-8.1	91	-0.02
42 T	Bromodichloromethane	0.678	0.767	-13.1	94	-0.02
43	Methyl Methacrylate	0.283	0.333	-17.7	92	-0.02
44 T	2,2,4-Trimethylpentane	1.271	1.381	-8.7	93	-0.02
45 T	t-1,3-Dichloropropene	0.247	0.325	-31.6#	93	-0.02
46 T	cis-1,3-Dichloropropene	0.351	0.436	-24.2	93	-0.02
47 T	1,1,2-Trichloroethane	0.319	0.350	-9.7	93	-0.02
48 T	Dibromochloromethane	0.525	0.618	-17.7	93	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.485	-23.1	94	-0.02
50 T	4-Methyl-2-Pentanone	0.764	0.876	-14.7	94	-0.02
51 T	2-Hexanone	0.592	0.685	-15.7	92	-0.02
52 T	Tetrachloroethene	0.231	0.278	-20.3	92	-0.02
53 T	Toluene	0.799	0.950	-18.9	93	-0.02
54 T	1,2-Dibromoethane	0.328	0.391	-19.2	93	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	-0.03
56	1,1,1,2-Tetrachloroethane	0.421	0.419	0.5	94	-0.03
57 T	Chlorobenzene	0.711	0.700	1.5	94	-0.03
58 T	Ethyl Benzene	1.139	1.240	-8.9	94	-0.03
59 T	m/p-Xylene	1.043	1.096	-5.1	95	-0.03
60 T	o-Xylene	0.997	1.053	-5.6	95	-0.03
61 T	Styrene	0.506	0.594	-17.4	94	-0.03
62	Isopropylbenzene	1.420	1.475	-3.9	95	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.351	0.329	6.3	95	-0.02
64	n-propylbenzene	0.347	0.368	-6.1	95	-0.03
65	tert-Butylbenzene	1.224	1.272	-3.9	96	-0.02
66 T	Benzyl Chloride	0.080	0.088	-10.0	98	-0.03
67	sec-Butylbenzene	1.750	1.817	-3.8	97	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.837	0.808	3.5	85	-0.03
69	p-Isopropyltoluene	1.363	1.430	-4.9	95	-0.03
70	n-Butylbenzene	1.501	1.571	-4.7	96	-0.03
71	2-Chlorotoluene	1.081	1.131	-4.6	95	-0.03
72 T	4-Ethyltoluene	1.090	1.189	-9.1	96	-0.03
73 T	1,3,5-Trimethylbenzene	0.988	1.049	-6.2	95	-0.02
74 T	1,2,4-Trimethylbenzene	1.126	1.153	-2.4	96	-0.03
75 T	1,3-Dichlorobenzene	0.610	0.616	-1.0	95	-0.03
76 T	1,4-Dichlorobenzene	0.582	0.604	-3.8	96	-0.03
77 T	1,2-Dichlorobenzene	0.586	0.579	1.2	95	-0.03
78 T	Hexachloro-1,3-Butadiene	0.430	0.417	3.0	96	-0.03
79 T	Naphthalene	0.666	0.903	-35.6#	97	-0.02
80 T	Naphthalene,2-methyl-	0.169	0.231	-36.7#	87	-0.03
81 T	1,2,4-Trichlorobenzene	0.410	0.469	-14.4	96	-0.03

(#) = Out of Range

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