

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040720.D
 Acq On : 27 Sep 2023 8:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 28 01:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 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	110	-0.03
2 T	Dichlorodifluoromethane	2.203	1.926	12.6	103	0.00
3	Chlorodifluoromethane	1.629	1.472	9.6	111	0.00
4	Chloromethane	0.624	0.596	4.5	116	0.00
5 T	Vinyl Chloride	0.737	0.657	10.9	115	-0.01
6 T	Bromomethane	0.356	0.323	9.3	103	-0.02
7	Chloroethane	0.253	0.234	7.5	109	-0.01
8 T	Dichlorotetrafluoroethane	1.819	1.582	13.0	103	0.00
9 T	Propene	0.469	0.476	-1.5	125	0.00
10 T	Heptane	1.058	1.232	-16.4	127	-0.03
11 T	Trichlorofluoromethane	1.937	1.557	19.6	94	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.386	1.214	12.4	103	-0.02
13	Ethanol	0.139	0.124	10.8	110	-0.02
14 T	Bromoethene	0.581	0.515	11.4	102	-0.01
15 T	Acetone	1.319	1.108	16.0	108	-0.02
16 T	1,3-Butadiene	0.575	0.584	-1.6	110	-0.01
17	tert-Butyl alcohol	1.351	1.156	14.4	97	-0.02
18 T	1,1-Dichloroethene	0.616	0.543	11.9	102	-0.02
19 T	Isopropyl Alcohol	0.795	0.671	15.6	92	-0.01
20 T	Methylene Chloride	0.710	0.501	29.4	109	-0.02
21 T	Allyl Chloride	0.808	0.802	0.7	113	-0.02
22 T	trans-1,2-Dichloroethene	0.609	0.587	3.6	108	-0.02
23 T	Vinyl Acetate	1.364	1.444	-5.9	120	-0.02
24 T	1,1-Dichloroethane	1.277	1.181	7.5	108	-0.02
25 T	Ethyl Acetate	2.127	2.182	-2.6	121	-0.03
26 T	Hexane	1.006	1.022	-1.6	132	-0.03
27 T	Carbon Disulfide	1.403	1.436	-2.4	108	-0.02
28 T	Methyl tert-Butyl Ether	0.865	0.897	-3.7	119	-0.02
29 T	Chloroform	1.737	1.595	8.2	109	-0.03
30 T	Cyclohexane	0.758	0.862	-13.7	128	-0.03
31 T	cis-1,2-Dichloroethene	0.933	1.003	-7.5	123	-0.03
32 T	1,1,1-Trichloroethane	1.776	1.580	11.0	106	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	-0.03
34 T	2-Butanone	0.503	0.479	4.8	122	-0.02
35 T	Carbon Tetrachloride	0.687	0.589	14.3	102	-0.03
36 T	Benzene	0.741	0.782	-5.5	131	-0.03
37 T	1,2-Dichloroethane	0.507	0.426	16.0	104	-0.03
38 T	Trichloroethene	0.282	0.305	-8.2	119	-0.03
39 T	1,2-Dichloropropane	0.285	0.293	-2.8	127	-0.03
40 T	1,4-Dioxane	0.108	0.120	-11.1	116	-0.03
41 T	Tetrahydrofuran	0.258	0.291	-12.8	138	-0.03
42 T	Bromodichloromethane	0.692	0.643	7.1	111	-0.03
43	Methyl Methacrylate	0.275	0.318	-15.6	128	-0.03
44 T	2,2,4-Trimethylpentane	1.179	1.262	-7.0	127	-0.03
45 T	t-1,3-Dichloropropene	0.213	0.277	-30.0#	128	-0.04
46 T	cis-1,3-Dichloropropene	0.261	0.323	-23.8	130	-0.03
47 T	1,1,2-Trichloroethane	0.327	0.325	0.6	121	-0.04
48 T	Dibromochloromethane	0.540	0.551	-2.0	114	-0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.443	0.457	-3.2	110	-0.04
50 T	4-Methyl-2-Pentanone	0.680	0.724	-6.5	119	-0.04
51 T	2-Hexanone	0.469	0.521	-11.1	118	-0.03
52 T	Tetrachloroethene	0.242	0.277	-14.5	125	-0.04
53 T	Toluene	0.782	0.902	-15.3	127	-0.04
54 T	1,2-Dibromoethane	0.418	0.464	-11.0	120	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	117	-0.04
56	1,1,1,2-Tetrachloroethane	0.477	0.426	10.7	111	-0.04
57 T	Chlorobenzene	0.757	0.740	2.2	121	-0.04
58 T	Ethyl Benzene	1.140	1.263	-10.8	121	-0.04
59 T	m/p-Xylene	1.071	1.068	0.3	113	-0.04
60 T	o-Xylene	1.021	1.024	-0.3	112	-0.04
61 T	Styrene	0.428	0.539	-25.9	124	-0.04
62	Isopropylbenzene	1.542	1.491	3.3	112	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.800	0.735	8.1	112	-0.04
64	n-propylbenzene	0.385	0.400	-3.9	117	-0.03
65	tert-Butylbenzene	1.384	1.326	4.2	111	-0.04
66 T	Benzyl Chloride	0.161	0.171	-6.2	115	-0.04
67	sec-Butylbenzene	1.981	1.851	6.6	109	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.773	0.712	7.9	105	-0.04
69	p-Isopropyltoluene	1.557	1.520	2.4	111	-0.03
70	n-Butylbenzene	1.713	1.611	6.0	108	-0.04
71	2-Chlorotoluene	1.141	1.152	-1.0	111	-0.03
72 T	4-Ethyltoluene	1.145	1.189	-3.8	112	-0.04
73 T	1,3,5-Trimethylbenzene	1.031	1.029	0.2	111	-0.04
74 T	1,2,4-Trimethylbenzene	1.257	1.148	8.7	109	-0.04
75 T	1,3-Dichlorobenzene	0.716	0.677	5.4	112	-0.04
76 T	1,4-Dichlorobenzene	0.705	0.661	6.2	113	-0.04
77 T	1,2-Dichlorobenzene	0.713	0.654	8.3	113	-0.04
78 T	Hexachloro-1,3-Butadiene	0.540	0.452	16.3	110	-0.03
79 T	Naphthalene	0.782	0.922	-17.9	109	-0.04
80 T	Naphthalene,2-methyl-	0.192	0.244	-27.1	105	-0.03
81 T	1,2,4-Trichlorobenzene	0.511	0.488	4.5	108	-0.04

(#) = Out of Range

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