

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040734.D
 Acq On : 4 Oct 2023 10:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 05 04:52:45 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	97	-0.01
2 T	Dichlorodifluoromethane	2.203	2.102	4.6	99	0.00
3	Chlorodifluoromethane	1.629	1.586	2.6	106	0.00
4	Chloromethane	0.624	0.623	0.2	107	0.00
5 T	Vinyl Chloride	0.737	0.703	4.6	109	0.00
6 T	Bromomethane	0.356	0.333	6.5	94	0.00
7	Chloroethane	0.253	0.256	-1.2	105	0.00
8 T	Dichlorotetrafluoroethane	1.819	1.677	7.8	97	0.00
9 T	Propene	0.469	0.535	-14.1	124	0.00
10 T	Heptane	1.058	1.272	-20.2	116	-0.02
11 T	Trichlorofluoromethane	1.937	1.690	12.8	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.386	1.282	7.5	96	0.00
13	Ethanol	0.139	0.122	12.2	95	0.00
14 T	Bromoethene	0.581	0.552	5.0	97	0.00
15 T	Acetone	1.319	1.179	10.6	101	0.00
16 T	1,3-Butadiene	0.575	0.597	-3.8	99	0.00
17	tert-Butyl alcohol	1.351	1.252	7.3	93	0.00
18 T	1,1-Dichloroethene	0.616	0.586	4.9	97	0.00
19 T	Isopropyl Alcohol	0.795	0.743	6.5	89	0.00
20 T	Methylene Chloride	0.710	0.498	29.9	95	0.00
21 T	Allyl Chloride	0.808	0.830	-2.7	104	0.00
22 T	trans-1,2-Dichloroethene	0.609	0.615	-1.0	99	0.00
23 T	Vinyl Acetate	1.364	1.597	-17.1	117	0.00
24 T	1,1-Dichloroethane	1.277	1.244	2.6	100	0.00
25 T	Ethyl Acetate	2.127	2.297	-8.0	113	-0.01
26 T	Hexane	1.006	1.068	-6.2	121	-0.01
27 T	Carbon Disulfide	1.403	1.531	-9.1	102	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.949	-9.7	111	0.00
29 T	Chloroform	1.737	1.730	0.4	104	-0.01
30 T	Cyclohexane	0.758	0.890	-17.4	117	-0.02
31 T	cis-1,2-Dichloroethene	0.933	1.079	-15.6	116	-0.01
32 T	1,1,1-Trichloroethane	1.776	1.746	1.7	103	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	-0.02
34 T	2-Butanone	0.503	0.504	-0.2	114	0.00
35 T	Carbon Tetrachloride	0.687	0.643	6.4	99	-0.02
36 T	Benzene	0.741	0.817	-10.3	122	-0.02
37 T	1,2-Dichloroethane	0.507	0.458	9.7	100	-0.02
38 T	Trichloroethene	0.282	0.319	-13.1	111	-0.02
39 T	1,2-Dichloropropane	0.285	0.307	-7.7	119	-0.02
40 T	1,4-Dioxane	0.108	0.125	-15.7	108	-0.02
41 T	Tetrahydrofuran	0.258	0.303	-17.4	128	-0.01
42 T	Bromodichloromethane	0.692	0.686	0.9	105	-0.02
43	Methyl Methacrylate	0.275	0.329	-19.6	118	-0.02
44 T	2,2,4-Trimethylpentane	1.179	1.308	-10.9	117	-0.02
45 T	t-1,3-Dichloropropene	0.213	0.269	-26.3	111	-0.02
46 T	cis-1,3-Dichloropropene	0.261	0.316	-21.1	114	-0.02
47 T	1,1,2-Trichloroethane	0.327	0.343	-4.9	114	-0.02
48 T	Dibromochloromethane	0.540	0.590	-9.3	109	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.443	0.484	-9.3	104	-0.03
50 T	4-Methyl-2-Pentanone	0.680	0.760	-11.8	112	-0.02
51 T	2-Hexanone	0.469	0.559	-19.2	113	-0.02
52 T	Tetrachloroethene	0.242	0.288	-19.0	116	-0.03
53 T	Toluene	0.782	0.947	-21.1	119	-0.02
54 T	1,2-Dibromoethane	0.418	0.494	-18.2	114	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	111	-0.03
56	1,1,1,2-Tetrachloroethane	0.477	0.433	9.2	107	-0.02
57 T	Chlorobenzene	0.757	0.725	4.2	113	-0.02
58 T	Ethyl Benzene	1.140	1.245	-9.2	113	-0.03
59 T	m/p-Xylene	1.071	1.062	0.8	107	-0.03
60 T	o-Xylene	1.021	1.016	0.5	106	-0.02
61 T	Styrene	0.428	0.531	-24.1	116	-0.02
62	Isopropylbenzene	1.542	1.483	3.8	106	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.800	0.731	8.6	106	-0.02
64	n-propylbenzene	0.385	0.395	-2.6	110	-0.02
65	tert-Butylbenzene	1.384	1.307	5.6	104	-0.02
66 T	Benzyl Chloride	0.161	0.175	-8.7	112	-0.02
67	sec-Butylbenzene	1.981	1.848	6.7	104	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.773	0.669	13.5	94	-0.03
69	p-Isopropyltoluene	1.557	1.511	3.0	105	-0.02
70	n-Butylbenzene	1.713	1.620	5.4	103	-0.03
71	2-Chlorotoluene	1.141	1.146	-0.4	105	-0.02
72 T	4-Ethyltoluene	1.145	1.191	-4.0	107	-0.02
73 T	1,3,5-Trimethylbenzene	1.031	1.026	0.5	105	-0.02
74 T	1,2,4-Trimethylbenzene	1.257	1.141	9.2	103	-0.03
75 T	1,3-Dichlorobenzene	0.716	0.680	5.0	107	-0.02
76 T	1,4-Dichlorobenzene	0.705	0.659	6.5	107	-0.02
77 T	1,2-Dichlorobenzene	0.713	0.649	9.0	107	-0.03
78 T	Hexachloro-1,3-Butadiene	0.540	0.484	10.4	113	-0.02
79 T	Naphthalene	0.782	1.032	-32.0#	116	-0.03
80 T	Naphthalene,2-methyl-	0.192	0.281	-46.4#	114	-0.02
81 T	1,2,4-Trichlorobenzene	0.511	0.535	-4.7	112	-0.03

(#) = Out of Range

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