

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040865.D
 Acq On : 15 Nov 2023 10:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 15 11:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 13 15:42:46 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	88	-0.03
2 T	Dichlorodifluoromethane	2.027	1.881	7.2	93	-0.02
3	Chlorodifluoromethane	1.597	1.504	5.8	94	-0.02
4	Chloromethane	0.574	0.545	5.1	93	-0.02
5 T	Vinyl Chloride	0.571	0.583	-2.1	96	-0.02
6 T	Bromomethane	0.218	0.205	6.0	91	-0.02
7	Chloroethane	0.198	0.200	-1.0	96	-0.02
8 T	Dichlorotetrafluoroethane	1.464	1.379	5.8	93	-0.02
9 T	Propene	0.538	0.523	2.8	95	-0.02
10 T	Heptane	1.324	1.305	1.4	94	-0.03
11 T	Trichlorofluoromethane	1.558	1.476	5.3	93	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.107	1.055	4.7	92	-0.03
13	Ethanol	0.104	0.081	22.1	82	-0.03
14 T	Bromoethene	0.445	0.432	2.9	91	-0.02
15 T	Acetone	1.065	1.026	3.7	98	-0.02
16 T	1,3-Butadiene	0.539	0.561	-4.1	96	-0.02
17	tert-Butyl alcohol	0.911	0.827	9.2	92	-0.03
18 T	1,1-Dichloroethene	0.493	0.471	4.5	94	-0.03
19 T	Isopropyl Alcohol	0.641	0.591	7.8	90	-0.03
20 T	Methylene Chloride	0.440	0.378	14.1	94	-0.02
21 T	Allyl Chloride	0.682	0.668	2.1	92	-0.02
22 T	trans-1,2-Dichloroethene	0.560	0.597	-6.6	103	-0.02
23 T	Vinyl Acetate	1.375	1.497	-8.9	95	-0.02
24 T	1,1-Dichloroethane	1.226	1.253	-2.2	94	-0.03
25 T	Ethyl Acetate	2.205	2.186	0.9	94	-0.03
26 T	Hexane	0.976	0.939	3.8	93	-0.03
27 T	Carbon Disulfide	1.238	1.183	4.4	89	-0.03
28 T	Methyl tert-Butyl Ether	0.883	0.901	-2.0	93	-0.03
29 T	Chloroform	1.654	1.568	5.2	91	-0.03
30 T	Cyclohexane	0.840	0.821	2.3	94	-0.03
31 T	cis-1,2-Dichloroethene	0.966	1.001	-3.6	93	-0.03
32 T	1,1,1-Trichloroethane	1.543	1.570	-1.7	93	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	-0.03
34 T	2-Butanone	0.509	0.526	-3.3	92	-0.03
35 T	Carbon Tetrachloride	0.614	0.641	-4.4	93	-0.03
36 T	Benzene	0.812	0.788	3.0	94	-0.03
37 T	1,2-Dichloroethane	0.479	0.466	2.7	92	-0.03
38 T	Trichloroethene	0.315	0.302	4.1	95	-0.03
39 T	1,2-Dichloropropane	0.322	0.311	3.4	94	-0.03
40 T	1,4-Dioxane	0.128	0.114	10.9	94	-0.02
41 T	Tetrahydrofuran	0.314	0.329	-4.8	95	-0.03
42 T	Bromodichloromethane	0.685	0.674	1.6	91	-0.03
43	Methyl Methacrylate	0.309	0.327	-5.8	94	-0.02
44 T	2,2,4-Trimethylpentane	1.348	1.301	3.5	93	-0.02
45 T	t-1,3-Dichloropropene	0.182	0.213	-17.0	96	-0.03
46 T	cis-1,3-Dichloropropene	0.236	0.257	-8.9	92	-0.03
47 T	1,1,2-Trichloroethane	0.337	0.326	3.3	93	-0.03
48 T	Dibromochloromethane	0.559	0.582	-4.1	93	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.421	0.457	-8.6	94	-0.03
50 T	4-Methyl-2-Pentanone	0.788	0.814	-3.3	93	-0.03
51 T	2-Hexanone	0.556	0.601	-8.1	93	-0.03
52 T	Tetrachloroethene	0.273	0.275	-0.7	95	-0.03
53 T	Toluene	0.893	0.901	-0.9	94	-0.03
54 T	1,2-Dibromoethane	0.434	0.453	-4.4	94	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	-0.02
56	1,1,1,2-Tetrachloroethane	0.428	0.439	-2.6	94	-0.03
57 T	Chlorobenzene	0.741	0.747	-0.8	95	-0.03
58 T	Ethyl Benzene	1.305	1.314	-0.7	94	-0.03
59 T	m/p-Xylene	1.111	1.095	1.4	94	-0.03
60 T	o-Xylene	1.058	1.039	1.8	94	-0.03
61 T	Styrene	0.510	0.550	-7.8	95	-0.03
62	Isopropylbenzene	1.563	1.539	1.5	94	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.750	0.740	1.3	93	-0.03
64	n-propylbenzene	0.392	0.401	-2.3	95	-0.02
65	tert-Butylbenzene	1.318	1.329	-0.8	95	-0.03
66 T	Benzyl Chloride	0.049	0.055	-12.2	97	-0.04
67	sec-Butylbenzene	1.882	1.872	0.5	95	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.783	0.795	-1.5	88	-0.03
69	p-Isopropyltoluene	1.501	1.527	-1.7	96	-0.03
70	n-Butylbenzene	1.585	1.580	0.3	95	-0.03
71	2-Chlorotoluene	1.191	1.183	0.7	94	-0.03
72 T	4-Ethyltoluene	1.163	1.201	-3.3	94	-0.03
73 T	1,3,5-Trimethylbenzene	1.028	1.042	-1.4	95	-0.02
74 T	1,2,4-Trimethylbenzene	1.148	1.123	2.2	94	-0.03
75 T	1,3-Dichlorobenzene	0.634	0.647	-2.1	96	-0.03
76 T	1,4-Dichlorobenzene	0.607	0.631	-4.0	95	-0.03
77 T	1,2-Dichlorobenzene	0.616	0.609	1.1	95	-0.03
78 T	Hexachloro-1,3-Butadiene	0.386	0.345	10.6	94	-0.03
79 T	Naphthalene	0.590	0.742	-25.8	97	-0.03
80 T	Naphthalene,2-methyl-	0.104	0.124	-19.2	92	-0.03
81 T	1,2,4-Trichlorobenzene	0.359	0.387	-7.8	96	-0.02

(#) = Out of Range

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