

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040911.D
 Acq On : 27 Nov 2023 17:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 28 04:39:56 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 : Tue Nov 28 04:31:59 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	89	0.00
2 T	Dichlorodifluoromethane	2.027	2.005	1.1	101	0.00
3	Chlorodifluoromethane	1.597	1.567	1.9	99	0.00
4	Chloromethane	0.574	0.590	-2.8	102	0.00
5 T	Vinyl Chloride	0.571	0.606	-6.1	102	0.00
6 T	Bromomethane	0.218	0.223	-2.3	101	0.00
7	Chloroethane	0.198	0.213	-7.6	104	0.00
8 T	Dichlorotetrafluoroethane	1.464	1.472	-0.5	101	0.00
9 T	Propene	0.538	0.557	-3.5	103	0.00
10 T	Heptane	1.324	1.371	-3.5	101	0.00
11 T	Trichlorofluoromethane	1.558	1.525	2.1	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	1.095	1.1	98	0.00
13	Ethanol	0.104	0.107	-2.9	111	0.00
14 T	Bromoethene	0.445	0.459	-3.1	98	0.00
15 T	Acetone	1.065	1.083	-1.7	105	0.00
16 T	1,3-Butadiene	0.539	0.602	-11.7	105	0.00
17	tert-Butyl alcohol	0.911	0.966	-6.0	109	0.00
18 T	1,1-Dichloroethene	0.493	0.465	5.7	95	0.00
19 T	Isopropyl Alcohol	0.641	0.734	-14.5	114	0.00
20 T	Methylene Chloride	0.440	0.416	5.5	106	0.00
21 T	Allyl Chloride	0.682	0.709	-4.0	99	0.00
22 T	trans-1,2-Dichloroethene	0.560	0.665	-18.7	117	0.00
23 T	Vinyl Acetate	1.375	1.605	-16.7	104	0.00
24 T	1,1-Dichloroethane	1.226	1.343	-9.5	103	0.00
25 T	Ethyl Acetate	2.205	2.353	-6.7	103	0.00
26 T	Hexane	0.976	1.036	-6.1	105	0.00
27 T	Carbon Disulfide	1.238	1.304	-5.3	100	0.00
28 T	Methyl tert-Butyl Ether	0.883	0.995	-12.7	104	0.00
29 T	Chloroform	1.654	1.655	-0.1	98	0.00
30 T	Cyclohexane	0.840	0.876	-4.3	102	0.00
31 T	cis-1,2-Dichloroethene	0.966	1.062	-9.9	100	0.00
32 T	1,1,1-Trichloroethane	1.543	1.642	-6.4	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.509	0.578	-13.6	102	0.00
35 T	Carbon Tetrachloride	0.614	0.676	-10.1	99	0.00
36 T	Benzene	0.812	0.834	-2.7	100	0.00
37 T	1,2-Dichloroethane	0.479	0.485	-1.3	96	0.00
38 T	Trichloroethene	0.315	0.327	-3.8	103	0.00
39 T	1,2-Dichloropropane	0.322	0.328	-1.9	100	0.00
40 T	1,4-Dioxane	0.128	0.140	-9.4	116	0.00
41 T	Tetrahydrofuran	0.314	0.347	-10.5	102	0.00
42 T	Bromodichloromethane	0.685	0.717	-4.7	98	0.00
43	Methyl Methacrylate	0.309	0.350	-13.3	102	0.00
44 T	2,2,4-Trimethylpentane	1.348	1.389	-3.0	101	0.00
45 T	t-1,3-Dichloropropene	0.182	0.238	-30.8#	108	0.00
46 T	cis-1,3-Dichloropropene	0.236	0.294	-24.6	106	0.00
47 T	1,1,2-Trichloroethane	0.337	0.347	-3.0	100	0.00
48 T	Dibromochloromethane	0.559	0.618	-10.6	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.421	0.480	-14.0	100	0.00
50 T	4-Methyl-2-Pentanone	0.788	0.863	-9.5	100	0.00
51 T	2-Hexanone	0.556	0.633	-13.8	99	0.00
52 T	Tetrachloroethene	0.273	0.293	-7.3	102	0.00
53 T	Toluene	0.893	0.969	-8.5	102	0.00
54 T	1,2-Dibromoethane	0.434	0.477	-9.9	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.461	-7.7	102	0.00
57 T	Chlorobenzene	0.741	0.774	-4.5	102	0.00
58 T	Ethyl Benzene	1.305	1.354	-3.8	101	0.00
59 T	m/p-Xylene	1.111	1.134	-2.1	100	0.00
60 T	o-Xylene	1.058	1.080	-2.1	101	0.00
61 T	Styrene	0.510	0.569	-11.6	102	0.00
62	Isopropylbenzene	1.563	1.598	-2.2	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.750	0.767	-2.3	100	0.00
64	n-propylbenzene	0.392	0.417	-6.4	102	0.00
65	tert-Butylbenzene	1.318	1.389	-5.4	103	0.00
66 T	Benzyl Chloride	0.049	0.053	-8.2	96	0.00
67	sec-Butylbenzene	1.882	1.940	-3.1	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.783	0.694	11.4	79	0.00
69	p-Isopropyltoluene	1.501	1.576	-5.0	102	0.00
70	n-Butylbenzene	1.585	1.633	-3.0	101	0.00
71	2-Chlorotoluene	1.191	1.220	-2.4	100	0.00
72 T	4-Ethyltoluene	1.163	1.243	-6.9	100	0.00
73 T	1,3,5-Trimethylbenzene	1.028	1.075	-4.6	101	0.00
74 T	1,2,4-Trimethylbenzene	1.148	1.162	-1.2	101	0.00
75 T	1,3-Dichlorobenzene	0.634	0.664	-4.7	102	0.00
76 T	1,4-Dichlorobenzene	0.607	0.659	-8.6	103	0.00
77 T	1,2-Dichlorobenzene	0.616	0.641	-4.1	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.386	0.364	5.7	103	0.00
79 T	Naphthalene	0.590	0.764	-29.5	103	0.00
80 T	Naphthalene,2-methyl-	0.104	0.127	-22.1	97	0.00
81 T	1,2,4-Trichlorobenzene	0.359	0.385	-7.2	98	0.00

(#) = Out of Range

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