

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040902.D
 Acq On : 27 Nov 2023 9:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 28 04:32:30 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	80	0.00
2 T	Dichlorodifluoromethane	2.027	1.958	3.4	88	0.00
3	Chlorodifluoromethane	1.597	1.535	3.9	87	0.00
4	Chloromethane	0.574	0.555	3.3	86	0.00
5 T	Vinyl Chloride	0.571	0.580	-1.6	87	0.00
6 T	Bromomethane	0.218	0.221	-1.4	89	0.00
7	Chloroethane	0.198	0.203	-2.5	88	0.00
8 T	Dichlorotetrafluoroethane	1.464	1.417	3.2	87	0.00
9 T	Propene	0.538	0.512	4.8	84	0.00
10 T	Heptane	1.324	1.295	2.2	85	0.00
11 T	Trichlorofluoromethane	1.558	1.573	-1.0	90	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	1.097	0.9	87	0.00
13	Ethanol	0.104	0.112	-7.7	103	0.00
14 T	Bromoethene	0.445	0.456	-2.5	87	0.00
15 T	Acetone	1.065	1.058	0.7	92	0.00
16 T	1,3-Butadiene	0.539	0.578	-7.2	90	0.00
17	tert-Butyl alcohol	0.911	0.959	-5.3	96	0.00
18 T	1,1-Dichloroethene	0.493	0.481	2.4	87	0.00
19 T	Isopropyl Alcohol	0.641	0.718	-12.0	99	0.00
20 T	Methylene Chloride	0.440	0.396	10.0	90	0.00
21 T	Allyl Chloride	0.682	0.668	2.1	83	0.00
22 T	trans-1,2-Dichloroethene	0.560	0.605	-8.0	95	0.00
23 T	Vinyl Acetate	1.375	1.494	-8.7	86	0.00
24 T	1,1-Dichloroethane	1.226	1.256	-2.4	86	0.00
25 T	Ethyl Acetate	2.205	2.231	-1.2	87	0.00
26 T	Hexane	0.976	0.955	2.2	86	0.00
27 T	Carbon Disulfide	1.238	1.242	-0.3	85	0.00
28 T	Methyl tert-Butyl Ether	0.883	0.908	-2.8	85	0.00
29 T	Chloroform	1.654	1.603	3.1	85	0.00
30 T	Cyclohexane	0.840	0.788	6.2	82	0.00
31 T	cis-1,2-Dichloroethene	0.966	0.988	-2.3	83	0.00
32 T	1,1,1-Trichloroethane	1.543	1.598	-3.6	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
34 T	2-Butanone	0.509	0.595	-16.9	87	0.00
35 T	Carbon Tetrachloride	0.614	0.708	-15.3	85	0.00
36 T	Benzene	0.812	0.844	-3.9	84	0.00
37 T	1,2-Dichloroethane	0.479	0.531	-10.9	87	0.00
38 T	Trichloroethene	0.315	0.315	0.0	82	0.00
39 T	1,2-Dichloropropane	0.322	0.332	-3.1	84	0.00
40 T	1,4-Dioxane	0.128	0.134	-4.7	92	0.00
41 T	Tetrahydrofuran	0.314	0.352	-12.1	85	0.00
42 T	Bromodichloromethane	0.685	0.754	-10.1	85	0.00
43	Methyl Methacrylate	0.309	0.351	-13.6	85	0.00
44 T	2,2,4-Trimethylpentane	1.348	1.419	-5.3	85	0.00
45 T	t-1,3-Dichloropropene	0.182	0.236	-29.7	89	0.00
46 T	cis-1,3-Dichloropropene	0.236	0.292	-23.7	87	0.00
47 T	1,1,2-Trichloroethane	0.337	0.345	-2.4	82	0.00
48 T	Dibromochloromethane	0.559	0.614	-9.8	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.421	0.490	-16.4	84	0.00
50 T	4-Methyl-2-Pentanone	0.788	0.900	-14.2	86	0.00
51 T	2-Hexanone	0.556	0.646	-16.2	83	0.00
52 T	Tetrachloroethene	0.273	0.281	-2.9	81	0.00
53 T	Toluene	0.893	0.946	-5.9	82	0.00
54 T	1,2-Dibromoethane	0.434	0.476	-9.7	82	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.460	-7.5	84	0.00
57 T	Chlorobenzene	0.741	0.746	-0.7	82	0.00
58 T	Ethyl Benzene	1.305	1.342	-2.8	83	0.00
59 T	m/p-Xylene	1.111	1.151	-3.6	85	0.00
60 T	o-Xylene	1.058	1.084	-2.5	84	0.00
61 T	Styrene	0.510	0.546	-7.1	81	0.00
62	Isopropylbenzene	1.563	1.564	-0.1	82	0.00
63 T	1,1,2,2-Tetrachloroethane	0.750	0.791	-5.5	85	0.00
64	n-propylbenzene	0.392	0.399	-1.8	81	0.00
65	tert-Butylbenzene	1.318	1.343	-1.9	83	0.00
66 T	Benzyl Chloride	0.049	0.052	-6.1	80	0.00
67	sec-Butylbenzene	1.882	1.919	-2.0	84	0.00
68 S	1-Bromo-4-Fluorobenzene	0.783	0.802	-2.4	76	0.00
69	p-Isopropyltoluene	1.501	1.526	-1.7	82	0.00
70	n-Butylbenzene	1.585	1.637	-3.3	84	0.00
71	2-Chlorotoluene	1.191	1.228	-3.1	84	0.00
72 T	4-Ethyltoluene	1.163	1.227	-5.5	82	0.00
73 T	1,3,5-Trimethylbenzene	1.028	1.064	-3.5	83	0.00
74 T	1,2,4-Trimethylbenzene	1.148	1.161	-1.1	84	0.00
75 T	1,3-Dichlorobenzene	0.634	0.646	-1.9	83	0.00
76 T	1,4-Dichlorobenzene	0.607	0.632	-4.1	82	0.00
77 T	1,2-Dichlorobenzene	0.616	0.614	0.3	82	0.00
78 T	Hexachloro-1,3-Butadiene	0.386	0.342	11.4	80	0.00
79 T	Naphthalene	0.590	0.707	-19.8	79	0.00
80 T	Naphthalene,2-methyl-	0.104	0.110	-5.8	70	0.00
81 T	1,2,4-Trichlorobenzene	0.359	0.369	-2.8	78	0.00

(#) = Out of Range

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