

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041453.D
 Acq On : 31 Jul 2024 8:07
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 02:37:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 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	86	0.02
2 T	Dichlorodifluoromethane	1.720	1.375	20.1	83	0.02
3	Chlorodifluoromethane	1.190	1.192	-0.2	96	0.02
4	Chloromethane	0.633	0.619	2.2	94	0.02
5 T	Vinyl Chloride	0.624	0.630	-1.0	95	0.02
6 T	Bromomethane	0.321	0.332	-3.4	97	0.02
7	Chloroethane	0.215	0.225	-4.7	96	0.02
8 T	Dichlorotetrafluoroethane	1.524	1.506	1.2	94	0.02
9 T	Propene	0.547	0.553	-1.1	97	0.02
10 T	Heptane	1.229	1.333	-8.5	96	0.01
11 T	Trichlorofluoromethane	1.528	1.514	0.9	94	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.063	3.4	92	0.02
13	Ethanol	0.049	0.035#	28.6	86	0.02
14 T	Bromoethene	0.429	0.448	-4.4	94	0.02
15 T	Acetone	1.136	1.113	2.0	96	0.02
16 T	1,3-Butadiene	0.607	0.619	-2.0	96	0.02
17	tert-Butyl alcohol	1.036	1.174	-13.3	96	0.02
18 T	1,1-Dichloroethene	0.471	0.491	-4.2	93	0.01
19 T	Isopropyl Alcohol	0.664	0.741	-11.6	99	0.01
20 T	Methylene Chloride	0.424	0.403	5.0	93	0.02
21 T	Allyl Chloride	0.745	0.769	-3.2	91	0.02
22 T	trans-1,2-Dichloroethene	0.471	0.488	-3.6	94	0.02
23 T	Vinyl Acetate	0.868	0.980	-12.9	95	0.02
24 T	1,1-Dichloroethane	1.022	1.036	-1.4	95	0.02
25 T	Ethyl Acetate	2.257	2.374	-5.2	97	0.01
26 T	Hexane	0.936	0.996	-6.4	96	0.02
27 T	Carbon Disulfide	1.095	1.170	-6.8	90	0.02
28 T	Methyl tert-Butyl Ether	0.591	0.612	-3.6	95	0.02
29 T	Chloroform	1.527	1.539	-0.8	94	0.01
30 T	Cyclohexane	0.763	0.846	-10.9	95	0.01
31 T	cis-1,2-Dichloroethene	0.925	0.999	-8.0	97	0.02
32 T	1,1,1-Trichloroethane	1.487	1.516	-2.0	93	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.01
34 T	2-Butanone	0.484	0.528	-9.1	97	0.01
35 T	Carbon Tetrachloride	0.552	0.577	-4.5	91	0.01
36 T	Benzene	0.731	0.770	-5.3	94	0.02
37 T	1,2-Dichloroethane	0.409	0.433	-5.9	95	0.01
38 T	Trichloroethene	0.335	0.349	-4.2	94	0.02
39 T	1,2-Dichloropropane	0.280	0.303	-8.2	98	0.01
40 T	1,4-Dioxane	0.112	0.126	-12.5	95	0.02
41 T	Tetrahydrofuran	0.277	0.321	-15.9	100	0.01
42 T	Bromodichloromethane	0.591	0.619	-4.7	93	0.02
43	Methyl Methacrylate	0.262	0.313	-19.5	95	0.01
44 T	2,2,4-Trimethylpentane	1.220	1.293	-6.0	96	0.02
45 T	t-1,3-Dichloropropene	0.241	0.317	-31.5#	95	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.423	-21.6	95	0.02
47 T	1,1,2-Trichloroethane	0.308	0.322	-4.5	94	0.01
48 T	Dibromochloromethane	0.497	0.536	-7.8	92	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.466	-11.0	90	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.861	-12.8	96	0.01
51 T	2-Hexanone	0.577	0.700	-21.3	94	0.00
52 T	Tetrachloroethene	0.282	0.297	-5.3	95	0.01
53 T	Toluene	0.814	0.912	-12.0	95	0.00
54 T	1,2-Dibromoethane	0.410	0.467	-13.9	94	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.396	-2.1	92	0.00
57 T	Chlorobenzene	0.712	0.719	-1.0	94	0.01
58 T	Ethyl Benzene	1.153	1.259	-9.2	95	0.01
59 T	m/p-Xylene	0.995	1.055	-6.0	93	0.00
60 T	o-Xylene	0.941	1.005	-6.8	94	0.00
61 T	Styrene	0.425	0.504	-18.6	94	0.00
62	Isopropylbenzene	1.431	1.475	-3.1	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.615	-3.5	94	0.01
64	n-propylbenzene	0.374	0.397	-6.1	93	0.00
65	tert-Butylbenzene	1.292	1.326	-2.6	93	0.00
66 T	Benzyl Chloride	0.083	0.103	-24.1	97	0.00
67	sec-Butylbenzene	1.781	1.856	-4.2	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.772	-0.3	86	0.00
69	p-Isopropyltoluene	1.478	1.552	-5.0	93	0.00
70	n-Butylbenzene	1.515	1.610	-6.3	94	0.00
71	2-Chlorotoluene	1.055	1.108	-5.0	93	0.00
72 T	4-Ethyltoluene	1.108	1.216	-9.7	93	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.041	-9.0	93	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.151	-3.7	93	0.00
75 T	1,3-Dichlorobenzene	0.698	0.724	-3.7	93	0.00
76 T	1,4-Dichlorobenzene	0.676	0.719	-6.4	95	0.00
77 T	1,2-Dichlorobenzene	0.692	0.700	-1.2	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.535	9.3	93	0.00
79 T	Naphthalene	0.980	1.201	-22.6	93	0.00
80 T	Naphthalene,2-methyl-	0.821	1.053	-28.3	92	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.634	-8.7	94	0.00

(#) = Out of Range

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