

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041467.D
 Acq On : 31 Jul 2024 17:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 02:45:30 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	81	0.02
2 T	Dichlorodifluoromethane	1.720	1.487	13.5	85	0.02
3	Chlorodifluoromethane	1.190	1.268	-6.6	96	0.02
4	Chloromethane	0.633	0.659	-4.1	95	0.02
5 T	Vinyl Chloride	0.624	0.645	-3.4	92	0.02
6 T	Bromomethane	0.321	0.371	-15.6	102	0.02
7	Chloroethane	0.215	0.230	-7.0	93	0.02
8 T	Dichlorotetrafluoroethane	1.524	1.571	-3.1	93	0.02
9 T	Propene	0.547	0.560	-2.4	93	0.03
10 T	Heptane	1.229	1.379	-12.2	93	0.02
11 T	Trichlorofluoromethane	1.528	1.581	-3.5	93	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.090	0.9	89	0.02
13	Ethanol	0.049	0.080	-63.3#	185#	0.02
14 T	Bromoethene	0.429	0.459	-7.0	91	0.02
15 T	Acetone	1.136	1.172	-3.2	96	0.02
16 T	1,3-Butadiene	0.607	0.656	-8.1	96	0.02
17	tert-Butyl alcohol	1.036	1.156	-11.6	89	0.02
18 T	1,1-Dichloroethene	0.471	0.507	-7.6	91	0.02
19 T	Isopropyl Alcohol	0.664	0.692	-4.2	87	0.02
20 T	Methylene Chloride	0.424	0.414	2.4	91	0.02
21 T	Allyl Chloride	0.745	0.791	-6.2	89	0.02
22 T	trans-1,2-Dichloroethene	0.471	0.503	-6.8	91	0.02
23 T	Vinyl Acetate	0.868	1.046	-20.5	96	0.02
24 T	1,1-Dichloroethane	1.022	1.055	-3.2	91	0.02
25 T	Ethyl Acetate	2.257	2.434	-7.8	94	0.02
26 T	Hexane	0.936	1.029	-9.9	94	0.02
27 T	Carbon Disulfide	1.095	1.176	-7.4	85	0.02
28 T	Methyl tert-Butyl Ether	0.591	0.598	-1.2	88	0.02
29 T	Chloroform	1.527	1.604	-5.0	92	0.02
30 T	Cyclohexane	0.763	0.873	-14.4	93	0.01
31 T	cis-1,2-Dichloroethene	0.925	1.026	-10.9	94	0.02
32 T	1,1,1-Trichloroethane	1.487	1.578	-6.1	92	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.02
34 T	2-Butanone	0.484	0.547	-13.0	94	0.02
35 T	Carbon Tetrachloride	0.552	0.617	-11.8	91	0.02
36 T	Benzene	0.731	0.805	-10.1	92	0.02
37 T	1,2-Dichloroethane	0.409	0.453	-10.8	93	0.02
38 T	Trichloroethene	0.335	0.331	1.2	83	0.02
39 T	1,2-Dichloropropane	0.280	0.311	-11.1	95	0.02
40 T	1,4-Dioxane	0.112	0.102	8.9	72	0.02
41 T	Tetrahydrofuran	0.277	0.318	-14.8	92	0.02
42 T	Bromodichloromethane	0.591	0.648	-9.6	91	0.02
43	Methyl Methacrylate	0.262	0.329	-25.6	94	0.02
44 T	2,2,4-Trimethylpentane	1.220	1.341	-9.9	93	0.02
45 T	t-1,3-Dichloropropene	0.241	0.346	-43.6#	97	0.01
46 T	cis-1,3-Dichloropropene	0.348	0.452	-29.9	96	0.02
47 T	1,1,2-Trichloroethane	0.308	0.336	-9.1	92	0.01
48 T	Dibromochloromethane	0.497	0.557	-12.1	89	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.481	-14.5	87	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.896	-17.4	93	0.01
51 T	2-Hexanone	0.577	0.737	-27.7	93	0.01
52 T	Tetrachloroethene	0.282	0.311	-10.3	93	0.02
53 T	Toluene	0.814	0.947	-16.3	92	0.00
54 T	1,2-Dibromoethane	0.410	0.485	-18.3	91	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.429	-10.6	93	0.00
57 T	Chlorobenzene	0.712	0.756	-6.2	91	0.01
58 T	Ethyl Benzene	1.153	1.305	-13.2	91	0.00
59 T	m/p-Xylene	0.995	1.115	-12.1	92	0.01
60 T	o-Xylene	0.941	1.057	-12.3	92	0.00
61 T	Styrene	0.425	0.521	-22.6	90	0.00
62	Isopropylbenzene	1.431	1.583	-10.6	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.737	-24.1	105	0.01
64	n-propylbenzene	0.374	0.424	-13.4	92	0.00
65	tert-Butylbenzene	1.292	1.412	-9.3	92	0.00
66 T	Benzyl Chloride	0.083	0.157	-89.2#	138	0.01
67	sec-Butylbenzene	1.781	1.980	-11.2	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.793	-3.0	82	0.00
69	p-Isopropyltoluene	1.478	1.670	-13.0	93	0.00
70	n-Butylbenzene	1.515	1.712	-13.0	93	0.00
71	2-Chlorotoluene	1.055	1.181	-11.9	92	0.00
72 T	4-Ethyltoluene	1.108	1.285	-16.0	91	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.094	-14.6	91	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.210	-9.0	91	0.00
75 T	1,3-Dichlorobenzene	0.698	0.755	-8.2	90	0.00
76 T	1,4-Dichlorobenzene	0.676	0.737	-9.0	91	0.00
77 T	1,2-Dichlorobenzene	0.692	0.725	-4.8	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.581	1.5	94	0.01
79 T	Naphthalene	0.980	1.329	-35.6#	95	0.00
80 T	Naphthalene,2-methyl-	0.821	0.636	22.5	52	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.693	-18.9	95	0.00

(#) = Out of Range

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