

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041501.D
 Acq On : 5 Aug 2024 15:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 06 01:38:21 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 : Tue Aug 06 01:32:58 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	87	0.00
2 T	Dichlorodifluoromethane	1.720	1.184	31.2#	72	0.00
3	Chlorodifluoromethane	1.190	1.136	4.5	92	0.00
4	Chloromethane	0.633	0.595	6.0	91	0.00
5 T	Vinyl Chloride	0.624	0.600	3.8	91	0.00
6 T	Bromomethane	0.321	0.317	1.2	93	0.00
7	Chloroethane	0.215	0.215	0.0	92	0.00
8 T	Dichlorotetrafluoroethane	1.524	1.442	5.4	90	0.00
9 T	Propene	0.547	0.509	6.9	90	0.00
10 T	Heptane	1.229	1.270	-3.3	92	0.00
11 T	Trichlorofluoromethane	1.528	1.460	4.5	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.043	5.2	90	0.00
13	Ethanol	0.049	0.036#	26.5	89	0.00
14 T	Bromoethene	0.429	0.432	-0.7	91	0.00
15 T	Acetone	1.136	1.069	5.9	93	0.00
16 T	1,3-Butadiene	0.607	0.587	3.3	91	0.00
17	tert-Butyl alcohol	1.036	1.079	-4.2	89	0.00
18 T	1,1-Dichloroethene	0.471	0.468	0.6	89	0.00
19 T	Isopropyl Alcohol	0.664	0.638	3.9	86	0.00
20 T	Methylene Chloride	0.424	0.405	4.5	94	0.00
21 T	Allyl Chloride	0.745	0.729	2.1	87	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.464	1.5	90	0.00
23 T	Vinyl Acetate	0.868	0.922	-6.2	90	0.00
24 T	1,1-Dichloroethane	1.022	0.989	3.2	91	0.00
25 T	Ethyl Acetate	2.257	2.293	-1.6	94	0.00
26 T	Hexane	0.936	0.960	-2.6	93	0.00
27 T	Carbon Disulfide	1.095	1.099	-0.4	85	0.00
28 T	Methyl tert-Butyl Ether	0.591	0.561	5.1	87	0.01
29 T	Chloroform	1.527	1.473	3.5	90	0.00
30 T	Cyclohexane	0.763	0.829	-8.7	94	0.00
31 T	cis-1,2-Dichloroethene	0.925	0.917	0.9	89	0.00
32 T	1,1,1-Trichloroethane	1.487	1.451	2.4	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.484	0.508	-5.0	93	0.00
35 T	Carbon Tetrachloride	0.552	0.569	-3.1	89	0.00
36 T	Benzene	0.731	0.747	-2.2	91	0.00
37 T	1,2-Dichloroethane	0.409	0.418	-2.2	91	0.00
38 T	Trichloroethene	0.335	0.351	-4.8	94	0.00
39 T	1,2-Dichloropropane	0.280	0.287	-2.5	92	0.00
40 T	1,4-Dioxane	0.112	0.107	4.5	80	0.00
41 T	Tetrahydrofuran	0.277	0.298	-7.6	92	0.00
42 T	Bromodichloromethane	0.591	0.600	-1.5	89	0.00
43	Methyl Methacrylate	0.262	0.299	-14.1	91	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.260	-3.3	93	0.00
45 T	t-1,3-Dichloropropene	0.241	0.300	-24.5	90	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.410	-17.8	92	0.00
47 T	1,1,2-Trichloroethane	0.308	0.312	-1.3	91	0.00
48 T	Dibromochloromethane	0.497	0.519	-4.4	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.456	-8.6	88	0.01
50 T	4-Methyl-2-Pentanone	0.763	0.834	-9.3	92	0.00
51 T	2-Hexanone	0.577	0.682	-18.2	91	0.00
52 T	Tetrachloroethene	0.282	0.285	-1.1	90	0.00
53 T	Toluene	0.814	0.878	-7.9	91	0.00
54 T	1,2-Dibromoethane	0.410	0.453	-10.5	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.396	-2.1	91	0.00
57 T	Chlorobenzene	0.712	0.709	0.4	91	0.01
58 T	Ethyl Benzene	1.153	1.230	-6.7	91	0.00
59 T	m/p-Xylene	0.995	1.049	-5.4	91	0.00
60 T	o-Xylene	0.941	1.000	-6.3	91	0.00
61 T	Styrene	0.425	0.494	-16.2	91	0.00
62	Isopropylbenzene	1.431	1.461	-2.1	91	0.01
63 T	1,1,2,2-Tetrachloroethane	0.594	0.608	-2.4	91	0.00
64	n-propylbenzene	0.374	0.388	-3.7	89	0.00
65	tert-Butylbenzene	1.292	1.321	-2.2	91	0.00
66 T	Benzyl Chloride	0.083	0.104	-25.3	97	0.00
67	sec-Butylbenzene	1.781	1.840	-3.3	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.729	5.3	79	0.00
69	p-Isopropyltoluene	1.478	1.556	-5.3	91	0.00
70	n-Butylbenzene	1.515	1.600	-5.6	92	0.00
71	2-Chlorotoluene	1.055	1.092	-3.5	90	0.01
72 T	4-Ethyltoluene	1.108	1.202	-8.5	90	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.038	-8.7	91	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.156	-4.1	92	0.00
75 T	1,3-Dichlorobenzene	0.698	0.716	-2.6	91	0.01
76 T	1,4-Dichlorobenzene	0.676	0.698	-3.3	91	0.01
77 T	1,2-Dichlorobenzene	0.692	0.697	-0.7	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.534	9.5	91	0.01
79 T	Naphthalene	0.980	1.185	-20.9	90	0.01
80 T	Naphthalene,2-methyl-	0.821	1.018	-24.0	87	0.01
81 T	1,2,4-Trichlorobenzene	0.583	0.623	-6.9	90	0.01

(#) = Out of Range

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