

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038832.D
 Acq On : 6 Apr 2022 13:44
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 07 03:13:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 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	84	0.01
2 T	Dichlorodifluoromethane	1.418	1.475	-4.0	97	0.00
3	Chlorodifluoromethane	1.220	1.199	1.7	88	0.00
4	Chloromethane	0.632	0.627	0.8	88	0.00
5 T	Vinyl Chloride	0.584	0.577	1.2	87	0.00
6 T	Bromomethane	0.283	0.277	2.1	86	0.01
7	Chloroethane	0.195	0.200	-2.6	87	0.00
8 T	Dichlorotetrafluoroethane	1.325	1.295	2.3	89	0.00
9 T	Propene	0.646	0.640	0.9	87	0.00
10 T	Heptane	1.626	1.597	1.8	88	0.02
11 T	Trichlorofluoromethane	1.140	1.134	0.5	87	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.873	0.894	-2.4	91	0.01
13	Ethanol	0.039	0.033#	15.4	83	0.00
14 T	Bromoethene	0.384	0.379	1.3	90	0.00
15 T	Acetone	0.996	0.952	4.4	90	0.00
16 T	1,3-Butadiene	0.569	0.564	0.9	87	0.00
17	tert-Butyl alcohol	0.893	0.851	4.7	79	0.00
18 T	1,1-Dichloroethene	0.398	0.401	-0.8	91	0.02
19 T	Isopropyl Alcohol	0.509	0.512	-0.6	86	0.01
20 T	Methylene Chloride	0.361	0.336	6.9	86	0.00
21 T	Allyl Chloride	0.745	0.717	3.8	87	0.00
22 T	trans-1,2-Dichloroethene	0.403	0.436	-8.2	89	0.00
23 T	Vinyl Acetate	0.970	0.971	-0.1	87	0.00
24 T	1,1-Dichloroethane	0.876	0.863	1.5	84	0.01
25 T	Ethyl Acetate	2.526	2.530	-0.2	86	0.01
26 T	Hexane	1.150	1.123	2.3	89	0.01
27 T	Carbon Disulfide	1.054	1.097	-4.1	87	0.02
28 T	Methyl tert-Butyl Ether	0.888	0.874	1.6	85	0.01
29 T	Chloroform	1.609	1.600	0.6	88	0.01
30 T	Cyclohexane	1.013	0.987	2.6	89	0.01
31 T	cis-1,2-Dichloroethene	1.057	1.029	2.6	86	0.01
32 T	1,1,1-Trichloroethane	1.621	1.569	3.2	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.01
34 T	2-Butanone	0.395	0.390	1.3	86	0.00
35 T	Carbon Tetrachloride	0.600	0.582	3.0	86	0.01
36 T	Benzene	0.910	0.864	5.1	87	0.01
37 T	1,2-Dichloroethane	0.416	0.418	-0.5	87	0.02
38 T	Trichloroethene	0.373	0.337	9.7	85	0.01
39 T	1,2-Dichloropropane	0.348	0.339	2.6	88	0.02
40 T	1,4-Dioxane	0.118	0.113	4.2	95	0.00
41 T	Tetrahydrofuran	0.375	0.371	1.1	89	0.02
42 T	Bromodichloromethane	0.657	0.643	2.1	87	0.01
43	Methyl Methacrylate	0.348	0.353	-1.4	86	0.02
44 T	2,2,4-Trimethylpentane	1.540	1.438	6.6	88	0.00
45 T	t-1,3-Dichloropropene	0.364	0.368	-1.1	79	0.01
46 T	cis-1,3-Dichloropropene	0.480	0.476	0.8	82	0.02
47 T	1,1,2-Trichloroethane	0.357	0.348	2.5	88	0.02
48 T	Dibromochloromethane	0.559	0.556	0.5	85	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.443	0.445	-0.5	86	0.02
50 T	4-Methyl-2-Pentanone	0.889	0.904	-1.7	87	0.02
51 T	2-Hexanone	0.670	0.704	-5.1	87	0.02
52 T	Tetrachloroethene	0.318	0.290	8.8	86	0.00
53 T	Toluene	1.050	1.009	3.9	89	0.02
54 T	1,2-Dibromoethane	0.495	0.498	-0.6	88	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.01
56	1,1,1,2-Tetrachloroethane	0.438	0.397	9.4	87	0.02
57 T	Chlorobenzene	0.819	0.730	10.9	87	0.02
58 T	Ethyl Benzene	1.494	1.372	8.2	90	0.02
59 T	m/p-Xylene	1.255	1.124	10.4	89	0.01
60 T	o-Xylene	1.175	1.049	10.7	89	0.00
61 T	Styrene	0.716	0.680	5.0	87	0.02
62	Isopropylbenzene	1.763	1.558	11.6	88	0.01
63 T	1,1,2,2-Tetrachloroethane	0.744	0.672	9.7	90	0.02
64	n-propylbenzene	0.458	0.417	9.0	87	0.01
65	tert-Butylbenzene	1.564	1.355	13.4	88	0.02
66 T	Benzyl Chloride	0.318	0.235	26.1	55	0.01
67	sec-Butylbenzene	2.195	1.934	11.9	89	0.02
68 S	1-Bromo-4-Fluorobenzene	0.759	0.721	5.0	87	0.01
69	p-Isopropyltoluene	1.802	1.628	9.7	88	0.00
70	n-Butylbenzene	1.816	1.712	5.7	91	0.01
71	2-Chlorotoluene	1.326	1.211	8.7	89	0.00
72 T	4-Ethyltoluene	1.403	1.309	6.7	88	0.02
73 T	1,3,5-Trimethylbenzene	1.260	1.166	7.5	88	0.02
74 T	1,2,4-Trimethylbenzene	1.332	1.203	9.7	90	0.01
75 T	1,3-Dichlorobenzene	0.773	0.700	9.4	87	0.01
76 T	1,4-Dichlorobenzene	0.762	0.694	8.9	87	0.02
77 T	1,2-Dichlorobenzene	0.762	0.695	8.8	87	0.02
78 T	Hexachloro-1,3-Butadiene	0.602	0.470	21.9	85	0.01
79 T	Naphthalene	0.996	0.975	2.1	83	0.02
80 T	Naphthalene,2-methyl-	0.246	0.261	-6.1	81	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.533	8.6	85	0.00

(#) = Out of Range

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