

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038591.D
 Acq On : 14 Mar 2022 9:35
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 18 09:09:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 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	91	-0.02
2 T	Dichlorodifluoromethane	1.510	1.483	1.8	98	0.00
3	Chlorodifluoromethane	1.763	1.740	1.3	99	0.00
4	Chloromethane	0.654	0.689	-5.4	103	0.00
5 T	Vinyl Chloride	0.656	0.663	-1.1	103	0.00
6 T	Bromomethane	0.352	0.380	-8.0	106	0.00
7	Chloroethane	0.212	0.216	-1.9	101	0.00
8 T	Dichlorotetrafluoroethane	1.464	1.520	-3.8	103	0.00
9 T	Propene	0.622	0.613	1.4	96	0.00
10 T	Heptane	1.488	1.589	-6.8	99	-0.02
11 T	Trichlorofluoromethane	1.324	1.400	-5.7	104	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.030	1.144	-11.1	109	-0.01
13	Ethanol	0.071	0.067	5.6	106	-0.01
14 T	Bromoethene	0.439	0.492	-12.1	104	0.00
15 T	Acetone	0.705	0.808	-14.6	117	0.00
16 T	1,3-Butadiene	0.567	0.594	-4.8	100	0.00
17	tert-Butyl alcohol	0.766	0.879	-14.8	109	0.00
18 T	1,1-Dichloroethene	0.461	0.507	-10.0	108	-0.01
19 T	Isopropyl Alcohol	0.471	0.488	-3.6	103	-0.01
20 T	Methylene Chloride	0.424	0.418	1.4	107	-0.01
21 T	Allyl Chloride	0.680	0.770	-13.2	107	-0.01
22 T	trans-1,2-Dichloroethene	0.483	0.535	-10.8	105	-0.02
23 T	Vinyl Acetate	1.011	1.250	-23.6	112	-0.02
24 T	1,1-Dichloroethane	0.920	1.046	-13.7	111	-0.01
25 T	Ethyl Acetate	2.375	2.464	-3.7	98	-0.02
26 T	Hexane	1.116	1.157	-3.7	99	-0.02
27 T	Carbon Disulfide	1.111	1.358	-22.2	111	-0.01
28 T	Methyl tert-Butyl Ether	0.908	1.003	-10.5	102	-0.01
29 T	Chloroform	1.736	1.783	-2.7	100	-0.02
30 T	Cyclohexane	0.965	0.998	-3.4	100	-0.02
31 T	cis-1,2-Dichloroethene	1.067	0.968	9.3	86	-0.02
32 T	1,1,1-Trichloroethane	1.684	1.722	-2.3	100	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.02
34 T	2-Butanone	0.259	0.304	-17.4	107	-0.01
35 T	Carbon Tetrachloride	0.682	0.675	1.0	101	-0.02
36 T	Benzene	0.902	0.932	-3.3	101	-0.02
37 T	1,2-Dichloroethane	0.431	0.448	-3.9	98	-0.02
38 T	Trichloroethene	0.360	0.350	2.8	100	-0.02
39 T	1,2-Dichloropropane	0.347	0.359	-3.5	100	-0.02
40 T	1,4-Dioxane	0.087	0.089	-2.3	101	-0.02
41 T	Tetrahydrofuran	0.212	0.217	-2.4	93	-0.02
42 T	Bromodichloromethane	0.684	0.720	-5.3	101	-0.02
43	Methyl Methacrylate	0.310	0.336	-8.4	99	-0.02
44 T	2,2,4-Trimethylpentane	1.526	1.530	-0.3	101	-0.02
45 T	t-1,3-Dichloropropene	0.223	0.273	-22.4	103	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.305	0.360	-18.0	103	-0.02
47 T	1,1,2-Trichloroethane	0.354	0.379	-7.1	104	-0.02
48 T	Dibromochloromethane	0.562	0.646	-14.9	106	-0.02
49 T	Bromoform	0.430	0.537	-24.9	112	-0.02
50 T	4-Methyl-2-Pentanone	0.531	0.562	-5.8	96	-0.02
51 T	2-Hexanone	0.225	0.244	-8.4	94	-0.02
52 T	Tetrachloroethene	0.331	0.337	-1.8	105	-0.02
53 T	Toluene	0.963	1.059	-10.0	103	-0.02
54 T	1,2-Dibromoethane	0.505	0.553	-9.5	106	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	-0.02
56	1,1,1,2-Tetrachloroethane	0.407	0.436	-7.1	107	-0.02
57 T	Chlorobenzene	0.763	0.803	-5.2	105	-0.02
58 T	Ethyl Benzene	1.295	1.434	-10.7	106	-0.02
59 T	m/p-Xylene	1.108	1.191	-7.5	107	-0.03
60 T	o-Xylene	1.047	1.127	-7.6	108	-0.02
61 T	Styrene	0.516	0.621	-20.3	106	-0.02
62	Isopropylbenzene	1.444	1.588	-10.0	110	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.884	0.876	0.9	113	-0.02
64	n-propylbenzene	0.368	0.424	-15.2	111	-0.02
65	tert-Butylbenzene	1.292	1.387	-7.4	108	-0.02
66 T	Benzyl Chloride	0.077	0.098	-27.3	115	-0.02
67	sec-Butylbenzene	1.836	1.974	-7.5	107	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.760	0.774	-1.8	93	-0.02
69	p-Isopropyltoluene	1.521	1.624	-6.8	103	-0.02
70	n-Butylbenzene	1.620	1.664	-2.7	98	-0.02
71	2-Chlorotoluene	1.072	1.180	-10.1	107	-0.02
72 T	4-Ethyltoluene	1.202	1.405	-16.9	112	-0.02
73 T	1,3,5-Trimethylbenzene	1.116	1.230	-10.2	109	-0.02
74 T	1,2,4-Trimethylbenzene	1.192	1.262	-5.9	105	-0.02
75 T	1,3-Dichlorobenzene	0.752	0.814	-8.2	105	-0.03
76 T	1,4-Dichlorobenzene	0.745	0.792	-6.3	105	-0.03
77 T	1,2-Dichlorobenzene	0.761	0.776	-2.0	101	-0.02
78 T	Hexachloro-1,3-Butadiene	0.742	0.619	16.6	88	-0.02
79 T	Naphthalene	1.073	1.154	-7.5	84	-0.03
80 T	Naphthalene,2-methyl-	0.189	0.283	-49.7#	110	-0.02
81 T	1,2,4-Trichlorobenzene	0.685	0.654	4.5	85	-0.03

(#) = Out of Range

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