

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012722\
 Data File : VL038297.D
 Acq On : 27 Jan 2022 14:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 28 05:32:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 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	106	-0.03
2 T	Dichlorodifluoromethane	2.129	2.173	-2.1	104	-0.02
3	Chlorodifluoromethane	1.991	1.845	7.3	102	-0.02
4	Chloromethane	0.685	0.619	9.6	100	-0.02
5 T	Vinyl Chloride	0.684	0.640	6.4	103	-0.02
6 T	Bromomethane	0.370	0.357	3.5	102	-0.02
7	Chloroethane	0.231	0.214	7.4	98	-0.02
8 T	Dichlorotetrafluoroethane	1.647	1.586	3.7	106	-0.02
9 T	Propene	0.648	0.604	6.8	99	-0.01
10 T	Heptane	1.667	1.588	4.7	102	-0.03
11 T	Trichlorofluoromethane	1.658	1.615	2.6	104	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.188	5.3	104	-0.03
13	Ethanol	0.070	0.058	17.1	86	-0.02
14 T	Bromoethene	0.490	0.475	3.1	105	-0.02
15 T	Acetone	0.882	0.788	10.7	108	-0.02
16 T	1,3-Butadiene	0.633	0.625	1.3	107	-0.02
17	tert-Butyl alcohol	0.968	0.865	10.6	95	-0.02
18 T	1,1-Dichloroethene	0.545	0.521	4.4	102	-0.02
19 T	Isopropyl Alcohol	0.551	0.446	19.1	92	-0.02
20 T	Methylene Chloride	0.513	0.434	15.4	102	-0.02
21 T	Allyl Chloride	0.780	0.778	0.3	102	-0.02
22 T	trans-1,2-Dichloroethene	0.563	0.553	1.8	105	-0.02
23 T	Vinyl Acetate	1.282	1.236	3.6	102	-0.03
24 T	1,1-Dichloroethane	1.142	1.101	3.6	105	-0.02
25 T	Ethyl Acetate	2.468	2.463	0.2	112	-0.02
26 T	Hexane	1.148	1.128	1.7	111	-0.02
27 T	Carbon Disulfide	1.343	1.328	1.1	98	-0.02
28 T	Methyl tert-Butyl Ether	1.191	1.155	3.0	103	-0.02
29 T	Chloroform	1.874	1.828	2.5	108	-0.03
30 T	Cyclohexane	1.000	0.941	5.9	99	-0.03
31 T	cis-1,2-Dichloroethene	1.001	1.123	-12.2	140	-0.02
32 T	1,1,1-Trichloroethane	1.872	1.810	3.3	104	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.03
34 T	2-Butanone	0.327	0.322	1.5	106	-0.02
35 T	Carbon Tetrachloride	0.702	0.715	-1.9	103	-0.03
36 T	Benzene	0.885	0.893	-0.9	102	-0.03
37 T	1,2-Dichloroethane	0.507	0.528	-4.1	104	-0.03
38 T	Trichloroethene	0.329	0.326	0.9	104	-0.03
39 T	1,2-Dichloropropane	0.359	0.348	3.1	99	-0.03
40 T	1,4-Dioxane	0.086	0.087	-1.2	112	-0.03
41 T	Tetrahydrofuran	0.220	0.228	-3.6	106	-0.03
42 T	Bromodichloromethane	0.752	0.759	-0.9	103	-0.03
43	Methyl Methacrylate	0.313	0.339	-8.3	103	-0.03
44 T	2,2,4-Trimethylpentane	1.559	1.516	2.8	103	-0.03
45 T	t-1,3-Dichloropropene	0.254	0.302	-18.9	101	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.385	-13.6	104	-0.03
47 T	1,1,2-Trichloroethane	0.352	0.356	-1.1	103	-0.03
48 T	Dibromochloromethane	0.593	0.612	-3.2	102	-0.03
49 T	Bromoform	0.428	0.441	-3.0	100	-0.03
50 T	4-Methyl-2-Pentanone	0.583	0.612	-5.0	103	-0.03
51 T	2-Hexanone	0.257	0.281	-9.3	104	-0.03
52 T	Tetrachloroethene	0.305	0.290	4.9	103	-0.02
53 T	Toluene	0.979	1.012	-3.4	103	-0.03
54 T	1,2-Dibromoethane	0.501	0.521	-4.0	104	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	-0.03
56	1,1,1,2-Tetrachloroethane	0.438	0.425	3.0	104	-0.03
57 T	Chlorobenzene	0.800	0.773	3.4	105	-0.03
58 T	Ethyl Benzene	1.470	1.445	1.7	104	-0.03
59 T	m/p-Xylene	1.254	1.203	4.1	104	-0.03
60 T	o-Xylene	1.166	1.127	3.3	104	-0.03
61 T	Styrene	0.544	0.583	-7.2	103	-0.03
62	Isopropylbenzene	1.555	1.482	4.7	104	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.863	0.771	10.7	105	-0.03
64	n-propylbenzene	0.374	0.367	1.9	103	-0.03
65	tert-Butylbenzene	1.280	1.190	7.0	103	-0.02
66 T	Benzyl Chloride	0.058	0.060	-3.4	85	-0.03
67	sec-Butylbenzene	1.781	1.652	7.2	103	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.759	0.769	-1.3	97	-0.03
69	p-Isopropyltoluene	1.363	1.290	5.4	102	-0.03
70	n-Butylbenzene	1.335	1.283	3.9	103	-0.03
71	2-Chlorotoluene	1.151	1.117	3.0	104	-0.03
72 T	4-Ethyltoluene	1.220	1.224	-0.3	105	-0.03
73 T	1,3,5-Trimethylbenzene	1.097	1.061	3.3	103	-0.03
74 T	1,2,4-Trimethylbenzene	1.155	1.070	7.4	102	-0.03
75 T	1,3-Dichlorobenzene	0.620	0.577	6.9	102	-0.03
76 T	1,4-Dichlorobenzene	0.600	0.549	8.5	99	-0.03
77 T	1,2-Dichlorobenzene	0.576	0.518	10.1	101	-0.03
78 T	Hexachloro-1,3-Butadiene	0.400	0.345	13.8	103	-0.03
79 T	Naphthalene	0.540	0.617	-14.3	97	-0.04
80 T	Naphthalene,2-methyl-	0.059	0.095	-61.0#	93	-0.03
81 T	1,2,4-Trichlorobenzene	0.318	0.325	-2.2	96	-0.04

(#) = Out of Range

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