

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020322\
 Data File : VL038327.D
 Acq On : 3 Feb 2022 9:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 04 08:49:48 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	116	-0.03
2 T	Dichlorodifluoromethane	2.129	2.000	6.1	106	-0.02
3	Chlorodifluoromethane	1.991	1.700	14.6	104	-0.02
4	Chloromethane	0.685	0.596	13.0	106	-0.02
5 T	Vinyl Chloride	0.684	0.589	13.9	105	-0.02
6 T	Bromomethane	0.370	0.342	7.6	108	-0.02
7	Chloroethane	0.231	0.216	6.5	110	-0.02
8 T	Dichlorotetrafluoroethane	1.647	1.451	11.9	107	-0.02
9 T	Propene	0.648	0.588	9.3	106	-0.01
10 T	Heptane	1.667	1.496	10.3	106	-0.02
11 T	Trichlorofluoromethane	1.658	1.434	13.5	102	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.042	16.9	100	-0.02
13	Ethanol	0.070	0.072	-2.9	118	-0.02
14 T	Bromoethene	0.490	0.452	7.8	110	-0.02
15 T	Acetone	0.882	0.737	16.4	111	-0.02
16 T	1,3-Butadiene	0.633	0.574	9.3	108	-0.02
17	tert-Butyl alcohol	0.968	0.845	12.7	102	-0.02
18 T	1,1-Dichloroethene	0.545	0.481	11.7	104	-0.02
19 T	Isopropyl Alcohol	0.551	0.474	14.0	107	-0.02
20 T	Methylene Chloride	0.513	0.392	23.6	102	-0.02
21 T	Allyl Chloride	0.780	0.737	5.5	107	-0.02
22 T	trans-1,2-Dichloroethene	0.563	0.515	8.5	108	-0.02
23 T	Vinyl Acetate	1.282	1.199	6.5	109	-0.02
24 T	1,1-Dichloroethane	1.142	0.990	13.3	104	-0.02
25 T	Ethyl Acetate	2.468	2.347	4.9	118	-0.02
26 T	Hexane	1.148	1.087	5.3	118	-0.02
27 T	Carbon Disulfide	1.343	1.196	10.9	98	-0.02
28 T	Methyl tert-Butyl Ether	1.191	1.101	7.6	108	-0.02
29 T	Chloroform	1.874	1.708	8.9	111	-0.02
30 T	Cyclohexane	1.000	0.985	1.5	115	-0.02
31 T	cis-1,2-Dichloroethene	1.001	1.097	-9.6	150#	-0.02
32 T	1,1,1-Trichloroethane	1.872	1.712	8.5	109	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	-0.02
34 T	2-Butanone	0.327	0.274	16.2	109	-0.02
35 T	Carbon Tetrachloride	0.702	0.613	12.7	106	-0.02
36 T	Benzene	0.885	0.820	7.3	113	-0.03
37 T	1,2-Dichloroethane	0.507	0.443	12.6	105	-0.02
38 T	Trichloroethene	0.329	0.297	9.7	114	-0.03
39 T	1,2-Dichloropropane	0.359	0.315	12.3	108	-0.02
40 T	1,4-Dioxane	0.086	0.080	7.0	125	-0.03
41 T	Tetrahydrofuran	0.220	0.204	7.3	114	-0.03
42 T	Bromodichloromethane	0.752	0.658	12.5	107	-0.02
43	Methyl Methacrylate	0.313	0.306	2.2	112	-0.02
44 T	2,2,4-Trimethylpentane	1.559	1.334	14.4	109	-0.02
45 T	t-1,3-Dichloropropene	0.254	0.274	-7.9	111	-0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.344	-1.5	112	-0.02
47 T	1,1,2-Trichloroethane	0.352	0.329	6.5	115	-0.03
48 T	Dibromochloromethane	0.593	0.562	5.2	113	-0.03
49 T	Bromoform	0.428	0.433	-1.2	118	-0.03
50 T	4-Methyl-2-Pentanone	0.583	0.526	9.8	107	-0.03
51 T	2-Hexanone	0.257	0.244	5.1	109	-0.03
52 T	Tetrachloroethene	0.305	0.280	8.2	119	-0.03
53 T	Toluene	0.979	0.942	3.8	116	-0.02
54 T	1,2-Dibromoethane	0.501	0.492	1.8	118	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	124	-0.03
56	1,1,1,2-Tetrachloroethane	0.438	0.375	14.4	116	-0.03
57 T	Chlorobenzene	0.800	0.710	11.3	122	-0.03
58 T	Ethyl Benzene	1.470	1.283	12.7	117	-0.03
59 T	m/p-Xylene	1.254	1.052	16.1	114	-0.03
60 T	o-Xylene	1.166	0.994	14.8	116	-0.03
61 T	Styrene	0.544	0.544	0.0	121	-0.02
62	Isopropylbenzene	1.555	1.353	13.0	119	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.863	0.701	18.8	121	-0.03
64	n-propylbenzene	0.374	0.351	6.1	124	-0.03
65	tert-Butylbenzene	1.280	1.153	9.9	126	-0.02
66 T	Benzyl Chloride	0.058	0.067	-15.5	120	-0.03
67	sec-Butylbenzene	1.781	1.598	10.3	125	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.759	0.754	0.7	120	-0.03
69	p-Isopropyltoluene	1.363	1.292	5.2	129	-0.03
70	n-Butylbenzene	1.335	1.272	4.7	129	-0.03
71	2-Chlorotoluene	1.151	1.040	9.6	122	-0.02
72 T	4-Ethyltoluene	1.220	1.163	4.7	126	-0.03
73 T	1,3,5-Trimethylbenzene	1.097	1.027	6.4	126	-0.02
74 T	1,2,4-Trimethylbenzene	1.155	1.049	9.2	126	-0.03
75 T	1,3-Dichlorobenzene	0.620	0.587	5.3	131	-0.03
76 T	1,4-Dichlorobenzene	0.600	0.575	4.2	131	-0.03
77 T	1,2-Dichlorobenzene	0.576	0.551	4.3	136	-0.03
78 T	Hexachloro-1,3-Butadiene	0.400	0.288	28.0	109	-0.03
79 T	Naphthalene	0.540	0.516	4.4	102	-0.04
80 T	Naphthalene,2-methyl-	0.059	0.105	-78.0#	131	-0.03
81 T	1,2,4-Trichlorobenzene	0.318	0.282	11.3	105	-0.03

(#) = Out of Range

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