

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038361.D
 Acq On : 15 Feb 2022 10:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 16 00:42:15 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	80	-0.05
2 T	Dichlorodifluoromethane	2.129	1.900	10.8	69	-0.04
3	Chlorodifluoromethane	1.991	2.358	-18.4	98	-0.03
4	Chloromethane	0.685	0.759	-10.8	92	-0.03
5 T	Vinyl Chloride	0.684	0.755	-10.4	92	-0.04
6 T	Bromomethane	0.370	0.282	23.8	61	-0.03
7	Chloroethane	0.231	0.262	-13.4	91	-0.04
8 T	Dichlorotetrafluoroethane	1.647	1.859	-12.9	94	-0.04
9 T	Propene	0.648	0.724	-11.7	89	-0.03
10 T	Heptane	1.667	1.839	-10.3	89	-0.05
11 T	Trichlorofluoromethane	1.658	1.962	-18.3	95	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.452	-15.8	95	-0.04
13	Ethanol	0.070	0.092	-31.4#	103	-0.04
14 T	Bromoethene	0.490	0.565	-15.3	94	-0.04
15 T	Acetone	0.882	1.218	-38.1#	125	-0.04
16 T	1,3-Butadiene	0.633	0.792	-25.1	102	-0.04
17	tert-Butyl alcohol	0.968	1.049	-8.4	87	-0.04
18 T	1,1-Dichloroethene	0.545	0.630	-15.6	93	-0.04
19 T	Isopropyl Alcohol	0.551	0.591	-7.3	92	-0.04
20 T	Methylene Chloride	0.513	0.514	-0.2	91	-0.04
21 T	Allyl Chloride	0.780	0.806	-3.3	80	-0.04
22 T	trans-1,2-Dichloroethene	0.563	0.655	-16.3	94	-0.04
23 T	Vinyl Acetate	1.282	1.525	-19.0	95	-0.04
24 T	1,1-Dichloroethane	1.142	1.318	-15.4	95	-0.04
25 T	Ethyl Acetate	2.468	2.087	15.4	71	-0.05
26 T	Hexane	1.148	1.020	11.1	75	-0.04
27 T	Carbon Disulfide	1.343	1.508	-12.3	84	-0.04
28 T	Methyl tert-Butyl Ether	1.191	1.307	-9.7	88	-0.04
29 T	Chloroform	1.874	1.866	0.4	83	-0.05
30 T	Cyclohexane	1.000	1.139	-13.9	91	-0.05
31 T	cis-1,2-Dichloroethene	1.001	1.002	-0.1	94	-0.04
32 T	1,1,1-Trichloroethane	1.872	2.095	-11.9	91	-0.05
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	-0.05
34 T	2-Butanone	0.327	0.294	10.1	96	-0.04
35 T	Carbon Tetrachloride	0.702	0.621	11.5	88	-0.05
36 T	Benzene	0.885	0.800	9.6	90	-0.05
37 T	1,2-Dichloroethane	0.507	0.458	9.7	88	-0.05
38 T	Trichloroethene	0.329	0.279	15.2	88	-0.05
39 T	1,2-Dichloropropane	0.359	0.313	12.8	88	-0.05
40 T	1,4-Dioxane	0.086	0.069	19.8	88	-0.05
41 T	Tetrahydrofuran	0.220	0.177	19.5	81	-0.05
42 T	Bromodichloromethane	0.752	0.676	10.1	90	-0.05
43	Methyl Methacrylate	0.313	0.304	2.9	91	-0.05
44 T	2,2,4-Trimethylpentane	1.559	1.381	11.4	92	-0.05
45 T	t-1,3-Dichloropropene	0.254	0.098	61.4#	32	-0.06
46 T	cis-1,3-Dichloropropene	0.339	0.179	47.2#	48	-0.05
47 T	1,1,2-Trichloroethane	0.352	0.317	9.9	91	-0.05
48 T	Dibromochloromethane	0.593	0.538	9.3	88	-0.06

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.428	0.404	5.6	90	-0.06
50 T	4-Methyl-2-Pentanone	0.583	0.587	-0.7	97	-0.05
51 T	2-Hexanone	0.257	0.286	-11.3	104	-0.05
52 T	Tetrachloroethene	0.305	0.246	19.3	86	-0.05
53 T	Toluene	0.979	0.876	10.5	88	-0.05
54 T	1,2-Dibromoethane	0.501	0.425	15.2	83	-0.06
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.06
56	1,1,1,2-Tetrachloroethane	0.438	0.404	7.8	95	-0.06
57 T	Chlorobenzene	0.800	0.680	15.0	88	-0.06
58 T	Ethyl Benzene	1.470	1.311	10.8	90	-0.05
59 T	m/p-Xylene	1.254	1.093	12.8	90	-0.05
60 T	o-Xylene	1.166	1.027	11.9	91	-0.06
61 T	Styrene	0.544	0.484	11.0	82	-0.05
62	Isopropylbenzene	1.555	1.425	8.4	95	-0.05
63 T	1,1,2,2-Tetrachloroethane	0.863	0.784	9.2	102	-0.06
64	n-propylbenzene	0.374	0.355	5.1	95	-0.06
65	tert-Butylbenzene	1.280	1.229	4.0	101	-0.05
66 T	Benzyl Chloride	0.058	0.021#	63.8#	28	-0.06
67	sec-Butylbenzene	1.781	1.710	4.0	101	-0.05
68 S	1-Bromo-4-Fluorobenzene	0.759	0.844	-11.2	101	-0.05
69	p-Isopropyltoluene	1.363	1.326	2.7	100	-0.05
70	n-Butylbenzene	1.335	1.339	-0.3	103	-0.05
71	2-Chlorotoluene	1.151	1.065	7.5	95	-0.06
72 T	4-Ethyltoluene	1.220	1.152	5.6	94	-0.05
73 T	1,3,5-Trimethylbenzene	1.097	1.026	6.5	95	-0.05
74 T	1,2,4-Trimethylbenzene	1.155	1.056	8.6	96	-0.06
75 T	1,3-Dichlorobenzene	0.620	0.570	8.1	96	-0.06
76 T	1,4-Dichlorobenzene	0.600	0.532	11.3	92	-0.05
77 T	1,2-Dichlorobenzene	0.576	0.546	5.2	102	-0.06
78 T	Hexachloro-1,3-Butadiene	0.400	0.318	20.5	91	-0.05
79 T	Naphthalene	0.540	0.506	6.3	76	-0.07
80 T	Naphthalene,2-methyl-	0.059	0.065	-10.2	61	-0.04
81 T	1,2,4-Trichlorobenzene	0.318	0.287	9.7	81	-0.06

(#) = Out of Range

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