

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021622\
 Data File : VL038373.D
 Acq On : 16 Feb 2022 19:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 17 06:51:27 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	107	-0.04
2 T	Dichlorodifluoromethane	2.129	1.355	36.4#	66	-0.03
3	Chlorodifluoromethane	1.991	1.730	13.1	97	-0.02
4	Chloromethane	0.685	0.552	19.4	90	-0.02
5 T	Vinyl Chloride	0.684	0.546	20.2	89	-0.02
6 T	Bromomethane	0.370	0.209	43.5#	61	-0.03
7	Chloroethane	0.231	0.195	15.6	91	-0.03
8 T	Dichlorotetrafluoroethane	1.647	1.363	17.2	93	-0.03
9 T	Propene	0.648	0.541	16.5	89	-0.02
10 T	Heptane	1.667	1.360	18.4	88	-0.04
11 T	Trichlorofluoromethane	1.658	1.385	16.5	90	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.006	19.8	89	-0.03
13	Ethanol	0.070	0.064	8.6	96	-0.03
14 T	Bromoethene	0.490	0.413	15.7	92	-0.03
15 T	Acetone	0.882	0.874	0.9	121	-0.03
16 T	1,3-Butadiene	0.633	0.572	9.6	99	-0.03
17	tert-Butyl alcohol	0.968	0.796	17.8	88	-0.03
18 T	1,1-Dichloroethene	0.545	0.453	16.9	90	-0.03
19 T	Isopropyl Alcohol	0.551	0.461	16.3	96	-0.03
20 T	Methylene Chloride	0.513	0.366	28.7	87	-0.03
21 T	Allyl Chloride	0.780	0.568	27.2	75	-0.03
22 T	trans-1,2-Dichloroethene	0.563	0.457	18.8	88	-0.03
23 T	Vinyl Acetate	1.282	1.054	17.8	88	-0.04
24 T	1,1-Dichloroethane	1.142	0.914	20.0	88	-0.03
25 T	Ethyl Acetate	2.468	1.995	19.2	92	-0.03
26 T	Hexane	1.148	0.953	17.0	94	-0.03
27 T	Carbon Disulfide	1.343	1.058	21.2	79	-0.03
28 T	Methyl tert-Butyl Ether	1.191	0.934	21.6	84	-0.03
29 T	Chloroform	1.874	1.575	16.0	94	-0.03
30 T	Cyclohexane	1.000	0.856	14.4	91	-0.04
31 T	cis-1,2-Dichloroethene	1.001	0.914	8.7	115	-0.03
32 T	1,1,1-Trichloroethane	1.872	1.574	15.9	92	-0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.04
34 T	2-Butanone	0.327	0.288	11.9	91	-0.03
35 T	Carbon Tetrachloride	0.702	0.635	9.5	88	-0.03
36 T	Benzene	0.885	0.813	8.1	90	-0.04
37 T	1,2-Dichloroethane	0.507	0.472	6.9	89	-0.04
38 T	Trichloroethene	0.329	0.289	12.2	89	-0.04
39 T	1,2-Dichloropropane	0.359	0.321	10.6	88	-0.04
40 T	1,4-Dioxane	0.086	0.077	10.5	95	-0.04
41 T	Tetrahydrofuran	0.220	0.182	17.3	82	-0.04
42 T	Bromodichloromethane	0.752	0.690	8.2	90	-0.03
43	Methyl Methacrylate	0.313	0.310	1.0	90	-0.04
44 T	2,2,4-Trimethylpentane	1.559	1.396	10.5	91	-0.04
45 T	t-1,3-Dichloropropene	0.254	0.107	57.9#	34	-0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.184	45.7#	48	-0.03
47 T	1,1,2-Trichloroethane	0.352	0.325	7.7	91	-0.04
48 T	Dibromochloromethane	0.593	0.546	7.9	87	-0.04
49 T	Bromoform	0.428	0.407	4.9	89	-0.04
50 T	4-Methyl-2-Pentanone	0.583	0.592	-1.5	96	-0.04
51 T	2-Hexanone	0.257	0.291	-13.2	103	-0.04
52 T	Tetrachloroethene	0.305	0.252	17.4	86	-0.04
53 T	Toluene	0.979	0.902	7.9	88	-0.04
54 T	1,2-Dibromoethane	0.501	0.436	13.0	84	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	-0.04
56	1,1,1,2-Tetrachloroethane	0.438	0.410	6.4	95	-0.04
57 T	Chlorobenzene	0.800	0.692	13.5	89	-0.04
58 T	Ethyl Benzene	1.470	1.312	10.7	89	-0.04
59 T	m/p-Xylene	1.254	1.091	13.0	89	-0.04
60 T	o-Xylene	1.166	1.045	10.4	91	-0.04
61 T	Styrene	0.544	0.480	11.8	80	-0.04
62	Isopropylbenzene	1.555	1.429	8.1	95	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.863	0.778	9.8	101	-0.04
64	n-propylbenzene	0.374	0.350	6.4	93	-0.04
65	tert-Butylbenzene	1.280	1.220	4.7	100	-0.04
66 T	Benzyl Chloride	0.058	0.023#	60.3#	30	-0.04
67	sec-Butylbenzene	1.781	1.709	4.0	100	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.759	0.853	-12.4	102	-0.04
69	p-Isopropyltoluene	1.363	1.330	2.4	100	-0.04
70	n-Butylbenzene	1.335	1.352	-1.3	103	-0.04
71	2-Chlorotoluene	1.151	1.066	7.4	94	-0.04
72 T	4-Ethyltoluene	1.220	1.116	8.5	90	-0.04
73 T	1,3,5-Trimethylbenzene	1.097	1.008	8.1	93	-0.04
74 T	1,2,4-Trimethylbenzene	1.155	1.054	8.7	95	-0.04
75 T	1,3-Dichlorobenzene	0.620	0.573	7.6	96	-0.04
76 T	1,4-Dichlorobenzene	0.600	0.532	11.3	91	-0.04
77 T	1,2-Dichlorobenzene	0.576	0.544	5.6	101	-0.04
78 T	Hexachloro-1,3-Butadiene	0.400	0.318	20.5	90	-0.04
79 T	Naphthalene	0.540	0.513	5.0	76	-0.05
80 T	Naphthalene,2-methyl-	0.059	0.072	-22.0	67	-0.03
81 T	1,2,4-Trichlorobenzene	0.318	0.291	8.5	82	-0.05

(#) = Out of Range

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